

QUIDEL CORP /DE/
Form 10-Q
November 07, 2018

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2018

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: 0-10961

QUIDEL CORPORATION

(Exact name of registrant as specified in its charter)

Delaware 94-2573850

(State or other jurisdiction of (I.R.S. Employer incorporation or organization) Identification No.)

12544 High Bluff Drive, Suite 200, San Diego, California 92130

(Address of principal executive offices, including zip code)

(858) 552-1100

(Registrant's telephone number, including area code)

Not Applicable

(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer

Non-accelerated filer Smaller reporting company
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards

provided pursuant to Section 13(a) of the Securities Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of November 1, 2018, 39,337,111 shares of the registrant's common stock were outstanding.

INDEX

PART I—FINANCIAL INFORMATION

ITEM 1. Financial Statements (unaudited)

Consolidated Balance Sheets as of September 30, 2018 and December 31, 2017 3

Consolidated Statements of Operations for the three and nine months ended September 30, 2018 and 2017 4

Consolidated Statements of Comprehensive Income (Loss) for the three and nine months ended September 30, 2018 and 2017 5

Consolidated Statements of Cash Flows for the nine months ended September 30, 2018 and 2017 6

Notes to Consolidated Financial Statements 7

ITEM 2. Management’s Discussion and Analysis of Financial Condition and Results of Operations 19

ITEM 3. Quantitative and Qualitative Disclosures About Market Risk 26

ITEM 4. Controls and Procedures 27

PART II—OTHER INFORMATION

ITEM 1. Legal Proceedings 27

ITEM 1A. Risk Factors 27

ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds 27

ITEM 3. Defaults Upon Senior Securities 27

ITEM 4. Mine Safety Disclosures 27

ITEM 5. Other Information 28

ITEM 6. Exhibits 28

Signatures 29

PART I FINANCIAL INFORMATION

ITEM 1. Financial Statements

QUIDEL CORPORATION
 CONSOLIDATED BALANCE SHEETS
 (in thousands, except par value; unaudited)

| | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| ASSETS | | |
| Current assets: | | |
| Cash and cash equivalents | \$38,694 | \$36,086 |
| Accounts receivable, net | 66,845 | 67,046 |
| Inventories | 63,309 | 67,078 |
| Assets held for sale | — | 146,644 |
| Prepaid expenses and other current assets | 31,301 | 14,375 |
| Total current assets | 200,149 | 331,229 |
| Property, plant and equipment, net | 70,235 | 61,585 |
| Goodwill | 337,025 | 337,028 |
| Intangible assets, net | 181,985 | 203,827 |
| Other non-current assets | 4,490 | 1,582 |
| Total assets | \$793,884 | \$935,251 |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Accounts payable | \$25,700 | \$27,279 |
| Accrued payroll and related expenses | 17,118 | 15,926 |
| Current portion of contingent consideration | 3,848 | 6,293 |
| Current portion of deferred consideration | 44,000 | 46,000 |
| Current portion of Revolving Credit Facility | — | 10,000 |
| Current portion of Convertible Senior Notes | 53,885 | — |
| Current portion of Term Loan | — | 10,184 |
| Other current liabilities | 13,898 | 12,666 |
| Total current liabilities | 158,449 | 128,348 |
| Convertible Senior Notes | — | 149,868 |
| Term Loan | — | 227,394 |
| Revolving Credit Facility | 83,188 | — |
| Deferred consideration | 140,845 | 177,158 |
| Contingent consideration | 14,904 | 18,008 |
| Other non-current liabilities | 8,044 | 7,371 |
| Commitments and contingencies (see Note 9) | | |
| Stockholders' equity: | | |
| Preferred stock, \$.001 par value per share; 5,000 shares authorized; none issued or outstanding at September 30, 2018 and December 31, 2017 | — | — |
| Common stock, \$.001 par value per share; 97,500 shares authorized; 39,326 and 34,540 shares issued and outstanding at September 30, 2018 and December 31, 2017, respectively | 39 | 35 |
| Additional paid-in capital | 359,186 | 239,489 |
| Accumulated other comprehensive loss | (55 |) — |
| Retained earnings (accumulated deficit) | 29,284 | (12,420) |
| Total stockholders' equity | 388,454 | 227,104 |
| Total liabilities and stockholders' equity | \$793,884 | \$935,251 |
| See accompanying notes. | | |

QUIDEL CORPORATION
CONSOLIDATED STATEMENTS OF OPERATIONS

(in thousands, except per share data; unaudited)

| | Three months ended | | Nine months ended | |
|--|--------------------|------------|-------------------|------------|
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Total revenues | \$117,399 | \$50,894 | \$389,697 | \$162,853 |
| Cost of sales | 47,757 | 21,204 | 156,116 | 65,838 |
| Gross profit | 69,642 | 29,690 | 233,581 | 97,015 |
| Research and development | 13,103 | 7,468 | 39,008 | 22,970 |
| Sales and marketing | 26,504 | 13,588 | 82,607 | 40,875 |
| General and administrative | 10,620 | 6,580 | 32,652 | 20,483 |
| Acquisition and integration costs | 2,521 | 4,591 | 10,923 | 7,022 |
| Total operating expenses | 52,748 | 32,227 | 165,190 | 91,350 |
| Operating income (loss) | 16,894 | (2,537) | 68,391 | 5,665 |
| Other expense, net: | | | | |
| Interest expense, net | (4,786) | (2,784) | (19,475) | (8,387) |
| Loss on extinguishment of debt | (1,297) | — | (8,262) | — |
| Total other expense, net | (6,083) | (2,784) | (27,737) | (8,387) |
| Income (loss) before income taxes | 10,811 | (5,321) | 40,654 | (2,722) |
| (Benefit) provision for income taxes | (11) | 204 | (1,050) | 355 |
| Net income (loss) | \$10,822 | \$(5,525) | \$41,704 | \$(3,077) |
| Basic earnings (loss) per share | \$0.28 | \$(0.16) | \$1.11 | \$(0.09) |
| Diluted earnings (loss) per share | \$0.27 | \$(0.16) | \$1.08 | \$(0.09) |
| Shares used in basic per share calculation | 39,290 | 33,913 | 37,490 | 33,538 |
| Shares used in diluted per share calculation | 42,889 | 33,913 | 42,467 | 33,538 |

See accompanying notes.

QUIDEL CORPORATION
 CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

(in thousands; unaudited)

| | Three months ended | | Nine months ended | |
|---|-----------------------|-----------|----------------------|-----------|
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Net income (loss) | \$10,822 | \$(5,525) | \$41,704 | \$(3,077) |
| Other comprehensive (loss) income, net of tax | | | | |
| Changes in cumulative translation adjustment | (61 |) 14 | (55 |) 49 |
| Comprehensive income (loss) | \$10,761 | \$(5,511) | \$41,649 | \$(3,028) |

See accompanying notes.

QUIDEL CORPORATION
CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands; unaudited)

| | Nine months ended September 30, | |
|--|------------------------------------|------------|
| | 2018 | 2017 |
| OPERATING ACTIVITIES: | | |
| Net income (loss) | \$41,704 | \$(3,077) |
| Adjustments to reconcile net income (loss) to net cash provided by operating activities: | | |
| Depreciation, amortization and other | 34,323 | 17,813 |
| Stock-based compensation expense | 9,190 | 5,938 |
| Amortization of debt discount and deferred issuance costs | 3,355 | 4,129 |
| Change in fair value of acquisition contingencies | 745 | — |
| Accretion of interest on deferred consideration | 7,686 | — |
| Amortization of inventory step-up to fair value | 3,650 | — |
| Change in deferred tax assets and liabilities | — | 101 |
| Loss on extinguishment of debt | 8,262 | — |
| Changes in assets and liabilities: | | |
| Accounts receivable | 257 | (16,582) |
| Inventories | 155 | 2,751 |
| Income taxes receivable | (6,802) | (1,123) |
| Prepaid expenses and other current and non-current assets | (13,526) | (667) |
| Accounts payable | 633 | 2,128 |
| Accrued payroll and related expenses | (24) | 982 |
| Other current and non-current liabilities | 3,520 | 4,091 |
| Net cash provided by operating activities: | 93,128 | 16,484 |
| INVESTING ACTIVITIES: | | |
| Acquisitions of property, equipment and intangibles | (22,875) | (12,767) |
| Acquisition of other businesses, net of cash acquired | — | (14,388) |
| Proceeds from sale of Summers Ridge Property | 146,644 | — |
| Net cash provided by (used for) investing activities: | 123,769 | (27,155) |
| FINANCING ACTIVITIES: | | |
| Proceeds from issuance of common stock | 16,031 | 15,246 |
| Payment of debt issuance costs | (513) | — |
| Payments on Revolving Credit Facility | (10,000) | — |
| Payments on lease obligation | (93) | (70) |
| Repurchases of common stock | (3,790) | (541) |
| Payments on acquisition contingent consideration | (6,294) | (498) |
| Payments of deferred consideration | (46,000) | — |
| Payments of Term Loan | (161,813) | — |
| Transaction costs related to debt exchange | (2,002) | — |
| Net cash (used for) provided by financing activities: | (214,474) | 14,137 |
| Effect of exchange rates on cash | 185 | 20 |
| Net increase in cash and cash equivalents | 2,608 | 3,486 |
| Cash and cash equivalents, beginning of period | 36,086 | 169,508 |
| Cash and cash equivalents, end of period | \$38,694 | \$172,994 |
| SUPPLEMENTAL DISCLOSURES OF NON-CASH INVESTING AND FINANCING TRANSACTIONS: | | |

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| | | |
|--|-----------|-------|
| Purchase of property, equipment and intangibles by incurring current liabilities | \$1,650 | \$653 |
| Reduction of other current liabilities upon issuance of restricted share units | \$— | \$903 |
| Extinguishment of Convertible Senior Notes through issuance of common stock | \$200,217 | \$— |
| Principal amount of Term Loan exchanged for Revolving Credit Facility | \$83,188 | \$— |

See accompanying notes.

6

Quidel Corporation

Notes to Consolidated Financial Statements

(Unaudited)

Note 1. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying unaudited consolidated financial statements of Quidel Corporation and its subsidiaries (the “Company”) have been prepared in accordance with generally accepted accounting principles in the United States (“GAAP”) for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments considered necessary for a fair presentation (consisting of normal recurring accruals) have been included.

The information at September 30, 2018, and for the three and nine months ended September 30, 2018 and 2017, is unaudited. For further information, refer to the Company’s consolidated financial statements and notes thereto for the year ended December 31, 2017 included in the Company’s 2017 Annual Report on Form 10-K. Operating results for any quarter are historically seasonal in nature and are not necessarily indicative of the results expected for the full year.

For 2018 and 2017, the Company’s fiscal year will end or has ended on December 30, 2018 and December 31, 2017, respectively. For 2018 and 2017, the Company’s third quarter ended on September 30, 2018 and October 1, 2017, respectively. For ease of reference, the calendar quarter end dates are used herein. The three and nine month periods ended September 30, 2018 and 2017 each included 13 and 39 weeks, respectively.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the U.S. requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Significant Accounting Policies

During the three and nine months ended September 30, 2018, there have been no changes to our significant accounting policies as described in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, except as described below.

Revenue Recognition

The Company records revenues primarily from product sales. These revenues are recorded net of rebates and other discounts. These rebates and discounts are estimated at the time of sale, and are largely driven by various customer program offerings, including special pricing agreements, promotions and other volume-based incentives. Revenue is recognized when control of the products is transferred to the customers in an amount that reflects the consideration the Company expects to receive from the customers in exchange for those products and services. This process involves identifying the contract with a customer, determining the performance obligations in the contract and the contract price, allocating the contract price to the distinct performance obligations in the contract and recognizing revenue when the performance obligations have been satisfied. A performance obligation is considered distinct from other obligations in a contract when it provides a benefit to the customer either on its own or together with other resources that are readily available to the customer and is separately identified in the contract. A performance obligation is considered to be satisfied once the control of a product is transferred to the customer or the service is provided to the customer, meaning the customer has the ability to use and obtain the benefit of the good or service. The Company recognizes revenue for satisfied performance obligations only when there are no uncertainties regarding payment terms or transfer of control.

A portion of product sales includes revenues for diagnostic kits, which are utilized on leased instrument systems under the Company’s “reagent rental” program. The reagent rental program provides customers the right to use the instruments at no separate cost to the customer in consideration for a multi-year agreement to purchase annual minimum amounts of consumables (“reagents” or “diagnostic kits”). When an instrument is placed with a customer under a reagent rental agreement, the Company

Table of Contents

retains title to the equipment and it remains capitalized on the Company's Consolidated Balance Sheets as property, plant and equipment, net. The instrument is depreciated on a straight-line basis over the lower of the lease term or life of the instrument. Depreciation expense is recorded in cost of sales included in the Consolidated Statements of Operations. Instrument and consumables under the reagent rental agreements are deemed two distinct performance obligations. Though the instrument and consumables do not have any use to customers without one another, they are not highly interdependent because they do not significantly affect each other. The Company would be able to fulfill its promise to transfer the instrument even if its customers did not purchase any consumables and the Company would be able to fulfill its promise to provide the consumables even if customers acquired instruments separately. The contract price is allocated between these two performance obligations based on the relative standalone selling prices. The instrument is considered an operating lease and revenue allocated to the instrument will be separately disclosed, if material.

Reclassifications

The Company recorded a reclassification of \$1.8 million and \$5.1 million for the three and nine months ended September 30, 2017 from amortization of intangible assets from acquired businesses and technology to cost of sales expense as previously reported in the Consolidated Statements of Operations. In addition, the Company recorded a reclassification of \$0.7 million and \$2.1 million for the three and nine months ended September 30, 2017 from amortization of intangible assets from acquired businesses and technology to sales and marketing expense to conform to current year presentation. These reclassifications did not impact the net income (loss) as previously reported or any prior amounts reported on the Consolidated Balance Sheets, Statements of Cash Flows or Statements of Comprehensive Income (Loss).

Recent Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board ("FASB") issued guidance codified in Accounting Standards Update ("ASU") 2014-09, Revenue from Contracts with Customers, which amends the guidance in former ASC 605, Revenue Recognition ("ASU 2014-09"). The standard's core principle is that a company will recognize revenue when it transfers promised goods or services to customers in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods or services. In doing so, companies are required to use more judgment and make more estimates than under prior authoritative guidance. These may include identifying performance obligations in the contract, estimating the amount of variable consideration to include in the transaction price and allocating the transaction price to each separate performance obligation. The FASB has issued several amendments to the new standard, which include clarification of accounting guidance related to identification of performance obligations, intellectual property licenses and principal vs. agent considerations. ASU 2014-09 and all subsequent amendments (collectively, "ASC 606") were effective for public entities for annual reporting periods beginning after December 15, 2017, including interim periods therein.

The Company adopted ASC 606 on January 1, 2018, using the modified retrospective transition method applied to those contracts which were not completed as of that date. The cumulative effect of applying the new revenue standard to all incomplete contracts as of January 1, 2018 was not material and, therefore, did not result in an adjustment to retained earnings. The adoption of ASC 606 did not have a material impact on the Company's consolidated financial position, results of operations, equity or cash flows as of the adoption date or for the three and nine months ended September 30, 2018.

In February 2016, the FASB issued guidance codified in ASU 2016-02 (Topic 842), Leases. The guidance requires a lessee to recognize a lease liability for the obligation to make lease payments and a right-to-use asset representing the right to use the underlying asset for the lease term on the balance sheet. The guidance is effective for fiscal years beginning after December 15, 2018, including interim periods within those years. Under ASU 2016-02, the standard will be adopted on a modified retrospective transition basis for leases existing at, or entered into after, the beginning of the earliest comparative period presented in the financial statements. The FASB issued ASU 2018-11 in July 2018 which allows for an alternative method to adopt the lease standard by recognizing a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption. While the Company is continuing to assess the effects of adoption, the Company believes the new standard will have a material effect on the consolidated financial statements and disclosures. We expect substantially all real-estate operating lease commitments to be recognized as

lease liabilities with corresponding right-of-use assets upon adoption, resulting in a significant increase in the assets and liabilities on the consolidated balance sheet. The Company is currently evaluating the impact of Topic 842 on the consolidated financial statements as it relates to other aspects of its business.

In January 2017, the FASB issued guidance codified in ASU 2017-04, Intangibles-Goodwill and Other (Topic 350) Simplifying the Test for Goodwill Impairment (“ASU 2017-04”). Under this new guidance, an entity will no longer determine goodwill impairment by calculating the implied fair value of goodwill by assigning the fair value of a reporting unit to all of its assets and liabilities as if that reporting unit had been acquired in a business combination. Instead, an entity will compare the

Table of Contents

fair value of a reporting unit with its carrying amount and recognize an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value. The guidance is effective for fiscal years beginning after December 15, 2019 including interim periods therein. The Company is currently evaluating the impact of this guidance and expects to adopt the standard in the first quarter of 2020.

Note 2. Computation of Earnings (Loss) Per Share

Basic earnings (loss) per share ("EPS") is computed by dividing net income (loss) by the weighted-average number of common shares outstanding, including restricted stock units ("RSUs") vested during the period. Diluted EPS is computed based on the sum of the weighted average number of common shares and potentially dilutive common shares outstanding during the period. Potentially dilutive common shares consist of shares issuable from stock options, unvested RSUs and the 3.25% Convertible Senior Notes due 2020 ("Convertible Senior Notes"). Potentially dilutive common shares from outstanding stock options and unvested RSUs are determined using the average share price for each period under the treasury stock method. Potentially dilutive shares from the Convertible Senior Notes are determined using the if-converted method. Under the provisions of the if-converted method, the Convertible Senior Notes are assumed to be converted and included in the denominator of the EPS calculation and the interest expense, net of tax, recorded in connection with the Convertible Senior Notes is added back to net income (loss).

The Convertible Senior Notes have a dilutive impact when the average market price of the Company's common stock exceeds the applicable conversion price of the notes. The Senior Convertible Notes became convertible on March 31, 2018 and remained convertible through September 30, 2018. The Senior Convertible Notes were not convertible during the nine months ended September 30, 2017.

The following table reconciles net income (loss) and the weighted-average shares used in computing basic and diluted earnings per share in the respective periods (in thousands):

| | Three month ended September 30, 2018 | | Nine months ended September 30, 2017 | |
|---|---|-----------|---|-----------|
| Numerator: | | | | |
| Net income (loss) used for basic earnings per share | \$10,822 | \$(5,525) | \$41,704 | \$(3,077) |
| Interest expense on Convertible Senior Notes, net of tax | 791 | — | 4,152 | — |
| Net income (loss) used for diluted earnings per share, if-converted method | \$11,613 | \$(5,525) | \$45,856 | \$(3,077) |
| Basic weighted-average common shares outstanding | 39,290 | 33,913 | 37,490 | 33,538 |
| Potentially dilutive shares issuable from Convertible Senior Notes, if-converted | 1,825 | — | 3,193 | — |
| Potentially dilutive shares issuable from stock options and unvested RSUs | 1,774 | — | 1,784 | — |
| Diluted weighted-average common shares outstanding, if-converted | 42,889 | 33,913 | 42,467 | 33,538 |
| Potentially dilutive shares excluded from calculation due to anti-dilutive effect | — | — | 161 | 1,121 |

Potentially dilutive shares excluded from the calculation above represent stock options when the combined exercise price and unrecognized stock-based compensation are greater than the average market price for the Company's common stock because their effect is anti-dilutive.

The number of potentially dilutive shares issuable under the Convertible Senior Notes that would have been included in the diluted EPS calculation if the Company had earnings amounted to 1.8 million shares and 1.2 million shares for the three and nine months ended September 30, 2017, respectively.

Note 3. Inventories

Inventories are stated at the lower of cost (first-in, first-out) or net realizable value. Inventories consisted of the following at September 30, 2018 and December 31, 2017, respectively (in thousands):

| | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| Raw materials | \$ 23,572 | \$ 22,252 |
| Work-in-process (materials, labor and overhead) | 20,915 | 22,813 |
| Finished goods (materials, labor and overhead) | 18,822 | 22,013 |
| Total inventories | \$ 63,309 | \$ 67,078 |

Note 4. Other Balance Sheet Accounts

Prepaid expenses and other current assets consist of the following (in thousands):

| | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| Receivables under transition service agreements | \$ 14,288 | \$ 7,509 |
| Income taxes receivable | 10,593 | 3,806 |
| Prepaid expenses | 5,615 | 2,898 |
| Other | 805 | 162 |
| Total prepaid expenses and other current assets | \$ 31,301 | \$ 14,375 |

Other current liabilities consist of the following (in thousands):

| | September 30, 2018 | December 31, 2017 |
|---------------------------------|-----------------------|----------------------|
| Customer incentives | \$ 8,955 | \$ 7,165 |
| Accrued interest | 855 | 442 |
| Other | 4,088 | 5,059 |
| Total other current liabilities | \$ 13,898 | \$ 12,666 |

Note 5. Income Taxes

The Company calculates its interim income tax provision in accordance with ASC 270, Interim Reporting, and ASC 740, Accounting for Income Taxes (together, "ASC 740"). At the end of each interim period, the Company estimates its annual effective tax rate and applies that rate to its ordinary quarterly earnings to calculate the tax related to ordinary income. The tax effects for other items that are excluded from ordinary income are discretely calculated and recognized in the period in which they occur.

On December 22, 2017, the Tax Cuts and Jobs Act (the "Tax Act") was enacted into legislation, which includes a broad range of provisions affecting businesses. The Tax Act significantly revises how companies compute their U.S. corporate tax liability by, among other provisions, reducing the corporate tax rate from 35% to 21% for tax years beginning after December 31, 2017, implementing a territorial tax system, and requiring a mandatory one-time tax on U.S.-owned undistributed foreign earnings and profits known as the transition tax.

For the three months ended September 30, 2018, the Company recognized an insignificant amount of income tax benefit. For the three months ended September 30, 2017, the Company recognized an income tax expense of \$0.2 million. The Company recognized income tax benefit of \$1.1 million and income tax expense of \$0.4 million for the nine months ended September 30, 2018 and 2017, respectively. The income tax benefit for the three and nine month periods ended September 30, 2018 differed from the income tax expense for the same periods in prior year due primarily to the reduction in the tax rate from the Tax Act, the impacts of the Company's full valuation allowance on U.S. earnings and higher discrete tax benefits recorded during the 2018 periods for excess tax benefits of stock-based compensation.

The Company is subject to periodic audits by domestic and foreign tax authorities. Due to the carryforward of unutilized net operating loss and credit carryovers, the Company's federal tax years from 2009 and forward are subject to examination by

the U.S. authorities. The Company's state and foreign tax years for 2001 and forward are subject to examination by applicable tax authorities. The Company believes that it has appropriate support for the income tax positions taken on its tax returns and that its accruals for tax liabilities are adequate for all open years based on an assessment of many factors, including past experience and interpretations of tax laws applied to the facts of each matter.

On December 22, 2017, the Securities and Exchange Commissions issued Staff Accounting Bulletin No. 118 ("SAB 118") to address the application of U.S. GAAP in situations when a registrant does not have the necessary information available, prepared, or analyzed (including computations) in reasonable detail to complete the accounting for certain income tax effects of the Tax Act. As of December 31, 2017, the Company was able to reasonably estimate certain effects of the Tax Act and, therefore, recorded provisional adjustments associated with the deemed repatriation transition tax and rate change revaluation of its deferred tax assets. During the nine months ended September 30, 2018, the Company has made additional provisional measurement-period adjustments related to the Tax Act for which clarifying legislation has been enacted. The primary impact of the measurement period adjustments resulted in a decrease to the Company's net operating loss carryforward as of December 31, 2017, offset by the Company's full evaluation allowance. The Company is still waiting for relevant guidance related to provisions in the Tax Act; therefore, the Company does not consider the measurement period closed as of September 30, 2018. The Company will continue to assess the impact of anticipated IRS guidance when issued, and plans to complete the accounting for the Tax Act within the prescribed measurement period. Any subsequent adjustment to the amounts previously recorded in 2017 (the period of enactment of the Tax Act) will be a tax expense or benefit in the fourth quarter of 2018 when the analysis is complete.

Note 6. Debt

Convertible Senior Notes

In December 2014, the Company issued \$172.5 million aggregate principal amount of its Convertible Senior Notes. Debt issuance costs of approximately \$5.1 million were primarily comprised of underwriters fees, legal, accounting and other professional fees, of which \$4.2 million were recorded as a reduction to long-term debt and are being amortized using the effective interest method to interest expense over the six-year term of the Convertible Senior Notes. The remaining \$0.9 million of debt issuance costs were allocated as a component of equity in additional paid-in capital. The implied interest rate of the Convertible Senior Notes was 6.9%, assuming no conversion option. The Convertible Senior Notes mature on December 15, 2020.

The Convertible Senior Notes are convertible into cash, shares of common stock, or a combination of cash and shares of common stock based on an initial conversion rate, subject to adjustment, of 31.1891 shares per \$1,000 principal amount of the Convertible Senior Notes (which represents an initial conversion price of approximately \$32.06 per share). The conversion will occur in the following circumstances and to the following extent: (1) during any calendar quarter commencing after the calendar quarter ending on March 31, 2015, if the last reported sales price of the Company's common stock, for at least 20 trading days (whether or not consecutive) in the period of 30 consecutive trading days ending on the last trading day of the calendar quarter immediately preceding the calendar quarter in which the conversion occurs, is more than 130% of the conversion price of the notes in effect on each applicable trading day; (2) during the five consecutive business day period following any five consecutive trading day period in which the trading price per \$1,000 principal amount of the Convertible Senior Notes for each such trading day was less than 98% of the product of the last reported sale price of the Company's common stock and the conversion rate on each such day; or (3) upon the occurrence of specified events described in the indenture for the Convertible Senior Notes. On or after September 15, 2020 until the close of business on the second scheduled trading day immediately preceding the stated maturity date, holders may surrender their notes for conversion at any time, regardless of the foregoing circumstances. If a fundamental change, as defined in the indenture for the Convertible Senior Notes, such as an acquisition, merger or liquidation of the Company, occurs prior to the maturity date, subject to certain limitations, holders of the Convertible Senior Notes may require the Company to repurchase all or a portion of their Convertible Senior Notes for cash at a repurchase price equal to 100% of the principal amount of the Convertible Senior Notes to be repurchased, plus any accrued and unpaid interest to, but excluding, the repurchase date.

During the third quarter of 2018, the last reported sales price of the Company's common stock was greater than 130% of the Convertible Senior Notes conversion price for 20 or more of the 30 consecutive trading days preceding the quarter-end. Consequently, the Convertible Senior Notes were convertible as of September 30, 2018. If the

Convertible Senior Notes were converted as of September 30, 2018, the if-converted amount would exceed the principal by \$2.2 million. The Convertible Senior Notes may be settled at the Company's option in cash or a combination of cash and shares of common stock. Because the settlement could be in cash, the Convertible Senior Notes have been classified as short-term debt as of September 30, 2018.

During the first and second quarters of 2018, the Company entered into separate, privately negotiated exchange agreements with certain holders of the notes. During the third quarter of 2018, certain note holders requested conversion and the Company elected to issue shares of common stock in exchange for the notes. To measure the resulting loss as of the settlement dates, the applicable interest rates were estimated using Level 2 observable inputs and applied to the converted notes using the same methodology as in the issuance date valuation. The following table summarizes information about the settlement of the Convertible Senior Notes (in thousands).

| | Three month ended September 30, 2018 | Nine months ended September 30, 2018 |
|---|--|--|
| Principal amount settled | \$ 35 | \$ 108,808 |
| Number of shares of common stock issued | 1 | 3,699 |
| Loss on extinguishment of debt | \$ — | \$ 2,303 |

The Company pays 3.25% interest per annum on the principal amount of the Convertible Senior Notes semi-annually in arrears in cash on June 15 and December 15 of each year. During the nine months ended September 30, 2018, the Company recorded total interest expense of \$5.2 million related to the Convertible Senior Notes, of which \$2.7 million related to the amortization of the debt discount and issuance costs and \$2.5 million related to the coupon due semi-annually. During the nine months ended September 30, 2017, the Company recorded total interest expense of \$8.2 million related to the Convertible Senior Notes of which \$4.1 million related to the amortization of the debt discount and issuance costs and \$4.1 million related to the coupon due semi-annually.

The following table summarizes information about the equity and liability components of the Convertible Senior Notes (dollars in thousands). The fair values of the respective notes outstanding were measured based on quoted market price and is a Level 2 measurement.

| | September 30, 2018 | December 31, 2017 |
|--|-----------------------|----------------------|
| Principal amount outstanding | \$58,506 | \$ 167,314 |
| Unamortized discount of liability component | (4,075) | (15,356) |
| Unamortized debt issuance costs | (546) | (2,090) |
| Net carrying amount of liability component | 53,885 | 149,868 |
| Less: current portion | (53,885) | — |
| Long-term debt | \$— | \$ 149,868 |
| Carrying value of equity component, net of issuance costs | \$10,093 | \$ 29,211 |
| Fair value of outstanding Convertible Senior Notes | \$118,767 | \$ 257,245 |
| Remaining amortization period of discount on the liability component | 2.3 years | 3.0 years |

Senior Credit Agreement

On October 6, 2017, the Company entered into a Credit Agreement (the "Credit Agreement"), which provided the Company with a \$245.0 million senior secured term loan facility (the "Term Loan") and a \$25.0 million Revolving Credit Facility ("Revolving Credit Facility") together (the "Senior Credit Facility"). On the closing date of the Credit Agreement, the Company borrowed the entire amount of the Term Loan and \$10.0 million under the Revolving Credit Facility.

During the nine months ended September 30, 2018, the Company used cash on hand of \$161.8 million to pay down a portion of the existing Term Loan. Separately, the Company also repaid the entire outstanding \$10.0 million balance on its Revolving Credit Facility under the Credit Agreement.

On August 31, 2018, the Company entered into an Amended and Restated Credit Agreement ("Amended and Restated Credit Agreement") to replace the prior Credit Agreement. The Amended and Restated Credit Agreement provides the Company with a \$175.0 million Revolving Credit Facility. In connection with the closing of the Amended and Restated Credit Agreement, the Company borrowed \$83.2 million under the Revolving Credit Facility to settle the outstanding Term Loan principal of \$83.2 million.

Due to the early payments on the Term Loan and the modification of the Credit Facility, the Company recorded losses on extinguishment of debt of \$1.3 million and \$6.0 million during the three and nine months ended September 30, 2018, respectively.

The Amended and Restated Credit Agreement does not include any term loan component and matures on August 31, 2023. Loans will bear interest at a rate equal to (i) the London Interbank Offered Rate (“LIBOR”) plus the “applicable rate” or (ii) the “base rate” (defined as the highest of (a) the Bank of America prime rate, (b) the Federal Funds rate plus one-half of one percent and (c) LIBOR plus one percent) plus the “applicable rate.” The initial applicable rate was 1.00% per annum for base rate loans and 2.00% per annum for LIBOR rate loans, and thereafter will be determined in accordance with a pricing grid based on the Company’s Consolidated Leverage Ratio (as defined in the Credit Agreement) ranging from 1.75% to 2.50% per annum for LIBOR rate loans and from 0.75% to 1.50% per annum for base rate loans. In addition, the Company pays a commitment fee on the unused portion of the Credit Agreement based on the Company’s Consolidated Leverage Ratio ranging from 0.15% to 0.30% per annum.

The Amended and Restated Credit Agreement is guaranteed by certain material domestic subsidiaries of the Company (the “Guarantors”) and is secured by liens on substantially all of the assets of the Company and the Guarantors, excluding real property and certain other types of excluded assets, and contains affirmative and negative covenants that are customary for credit agreements of this nature. The negative covenants include, among other things, limitations on asset sales, mergers, indebtedness, liens, dividends and other distributions, investments and transactions with affiliates. The Credit Agreement contains two financial covenants: (i) maximum Consolidated Leverage Ratio (as defined in the Credit Agreement) as of the last day of each fiscal quarter of 3.50 to 1.00, which ratio may be increased to 4.50 to 1.00 in case of certain qualifying acquisitions; and (ii) a minimum Consolidated Fixed Charge Coverage Ratio (as defined in the Credit Agreement) of 1.25 to 1.00 as of the end of any fiscal quarter for the most recently completed four fiscal quarters. The Company was in compliance with all financial covenants as of September 30, 2018.

Interest expense recognized on the Senior Credit Agreement for the three and nine months ended September 30, 2018 totaled \$1.1 million and \$4.8 million, respectively, for the stated interest and commitment fee. Amortization of debt issuance costs associated with the Senior Credit Agreement was \$0.1 million and \$0.8 million, respectively, for the three and nine months ended September 30, 2018, and was recorded to interest expense in the Company's Consolidated Statements of Operations.

Note 7. Stockholders' Equity

Issuances of Common Stock

During the nine months ended September 30, 2018, the Company issued 275,440 shares of common stock in conjunction with the vesting and release of RSUs. The Company also issued 842,967 shares of common stock upon the exercise of stock options and 49,270 shares of common stock in connection with the Company’s employee stock purchase plan (the “ESPP”), resulting in net proceeds to the Company of approximately \$16.0 million during the nine months ended September 30, 2018. The Company withheld 81,247 shares of outstanding common stock in connection with payment of minimum tax withholding obligations for certain employees relating to the lapse of restrictions on certain RSUs with a value of approximately \$3.8 million during the nine months ended September 30, 2018.

During the nine months ended September 30, 2017, the Company issued 99,669 shares of common stock in conjunction with the vesting and release of RSUs. The Company also issued 954,527 shares of common stock upon the exercise of stock options and 58,099 shares of common stock in connection with the Company’s ESPP, resulting in net proceeds to the Company of approximately \$15.2 million during the nine months ended September 30, 2017. The Company withheld 25,079 shares of outstanding common stock in connection with payment of minimum tax withholding obligations for certain employees relating to the lapse of restrictions on certain RSUs with a value of approximately \$0.5 million during the nine months ended September 30, 2017.

As discussed in Note 6, during the nine months ended September 30, 2018, the Company issued 3,699,043 shares of common stock in exchange for \$108.8 million in aggregate principal of the Convertible Senior Notes.

Stock-Based Compensation

The expense related to the Company's stock-based compensation plans included in the accompanying Consolidated Statements of Operations was as follows (in thousands):

| | Three months ended | | Nine months ended | |
|--|--------------------|--------------------|--------------------|--------------------|
| | September 30, 2018 | September 30, 2017 | September 30, 2018 | September 30, 2017 |
| Cost of sales | \$255 | \$117 | \$751 | \$354 |
| Research and development | 539 | 396 | 1,732 | 1,212 |
| Sales and marketing | 686 | 434 | 2,199 | 1,341 |
| General and administrative | 1,295 | 932 | 4,508 | 3,031 |
| Total stock-based compensation expense | \$2,775 | \$1,879 | \$9,190 | \$5,938 |

Total compensation expense recognized for the three and nine months ended September 30, 2018 includes \$0.8 million and \$2.7 million related to stock options and \$2.0 million and \$6.5 million related to RSUs. Total compensation expense recognized for the three and nine months ended September 30, 2017 includes \$1.0 million and \$3.1 million related to stock options and \$0.9 million and \$2.8 million related to RSUs. As of September 30, 2018, total unrecognized compensation expense related to non-vested stock options was \$5.4 million, which is expected to be recognized over a weighted-average period of approximately 1.9 years. As of September 30, 2018, total unrecognized compensation expense related to non-vested restricted stock was \$13.2 million, which is expected to be recognized over a weighted-average period of approximately 2.3 years. Compensation expense capitalized to inventory and compensation expense related to the Company's ESPP were not material for the three and nine months ended September 30, 2018 or 2017.

The estimated fair value of each stock option was determined on the date of grant using the Black-Scholes option valuation model with the following weighted-average assumptions for the option grants.

| | Nine months ended | |
|---------------------------------|--------------------|--------------------|
| | September 30, 2018 | September 30, 2017 |
| Risk-free interest rate | 2.49% | 2.31% |
| Expected option life (in years) | 6.29 | 6.63 |
| Volatility rate | 36 % | 36 % |
| Dividend rate | — % | — % |

The weighted-average fair value of stock options granted during the nine months ended September 30, 2018 and 2017 was \$18.76 and \$8.71, respectively. The Company granted 159,017 and 253,844 stock options during the nine months ended September 30, 2018 and 2017, respectively. The Company granted 231,657 and 335,716 RSUs during the nine months ended September 30, 2018 and 2017, respectively. The fair value of RSUs is determined based on the closing market price of the Company's common stock on the grant date. The weighted-average fair value of RSUs granted during the nine months ended September 30, 2018 and 2017 was \$49.45 and \$21.61, respectively.

Note 8. Industry and Geographic Information

The Company operates in one reportable segment. Sales to customers outside the U.S. represented \$124.3 million (32%) and \$21.6 million (13%) of total revenue for the nine months ended September 30, 2018 and 2017, respectively. As of September 30, 2018 and December 31, 2017, accounts receivable due from foreign customers were \$10.1 million and \$18.8 million, respectively.

The Company had sales to individual customers in excess of 10% of total revenues, as follows:

Nine
months
ended
September
30,
2018 2017

Customer:

| | | |
|---|------|------|
| A | 17 % | 21 % |
| B | 14 % | 13 % |
| C | 12 % | 21 % |
| | 43 % | 55 % |

As of September 30, 2018 and December 31, 2017, accounts receivable from customers with balances due in excess of 10% of total accounts receivable totaled \$38.6 million and \$44.4 million, respectively.

Consolidated net revenues by product category for the three and nine months ended September 30, 2018 and 2017 are as follows (in thousands):

| | Three month ended September 30, | | Nine months ended September 30, | |
|----------------------------------|---------------------------------------|----------|------------------------------------|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Rapid Immunoassay | \$35,366 | \$36,458 | \$132,740 | \$115,974 |
| Cardiac Immunoassay | 65,287 | — | 203,581 | — |
| Specialized Diagnostic Solutions | 12,294 | 11,655 | 39,859 | 37,731 |
| Molecular Diagnostic Solutions | 4,452 | 2,781 | 13,517 | 9,148 |
| Total revenues | \$117,399 | \$50,894 | \$389,697 | \$162,853 |

Note 9. Commitments and Contingencies

Operating Lease - Summers Ridge Property

On January 5, 2018, the Company entered into a sale and leaseback transaction for the San Diego property on Summers Ridge Road (the "Summers Ridge Property") that was acquired as part of the Triage Business from Alere discussed in Note 11. The Summers Ridge Property was included as assets held for sale on the Consolidated Balance Sheet as of the year ended December 31, 2017. The Company sold the Summers Ridge Property for a net consideration of \$146.6 million. In addition, the Company entered into a lease agreement with the buyer to lease two of the four buildings on the Summers Ridge Property for an initial term of 15 years. The Summers Ridge lease is subject to certain must-take provisions related to two additional buildings, consisting of approximately 124,461 square feet, upon the expiration of certain leases with the tenants of the other portion of the Summers Ridge Property. The initial term can be extended by the Company for two additional five-year terms upon satisfaction of certain conditions. The approximate future minimum lease payments of the Summers Ridge Property are \$1.5 million for the remainder of 2018, \$6.5 million for 2019, \$7.6 million for 2020, \$7.8 million for 2021, \$8.0 million for 2022, \$8.3 million for 2023 and \$86.8 million in the aggregate after 2023.

Litigation and Other Legal Proceedings

In *Beckman Coulter Inc. v. Quidel Corporation*, which was filed in the Superior Court for the County of San Diego, California, on November 27, 2017, Beckman Coulter ("Beckman") alleges that a provision of an agreement between Quidel and Beckman violates state antitrust laws. Our acquisition of the BNP Business consisted of assets and liabilities relating to a contractual arrangement with Beckman (the "Beckman Agreement") for the supply of antibodies and other inputs related to,

and distribution of, the Triage® BNP Test for the Beckman Coulter Access Family of Immunoassay Systems. The Beckman Agreement further provides that Beckman, for a specified period, cannot research, develop, manufacture or sell an assay for use in the diagnosis of cardiac diseases that measures or detects the presence or absence of BNP or NT-pro-BNP (a related biomarker). In the lawsuit, Beckman asserts that this provision violates certain state antitrust laws and is unenforceable. Beckman contends that it has suffered damages due to this provision and seeks a declaration that this provision is void. Beckman has filed a motion for summary adjudication, which is scheduled to be heard on December 7, 2018. Trial in this matter is currently scheduled to begin on August 30, 2019.

We deny that the contractual provision is unlawful, deny any liability with respect to this matter, and intend to vigorously defend ourselves. There are multiple factors that prevent us from being able to estimate the amount of loss, if any, that may result from this matter including: (1) we are vigorously defending ourselves and believe that we have a number of meritorious legal defenses; (2) there are unresolved questions of law and fact that could be important to the ultimate resolution of this matter; and (3) discovery is in the very early stages. Accordingly, at this time, we are not able to estimate a possible loss or range of loss that may result from this matter or to determine whether such loss, if any, would have a material adverse effect on our financial condition, results of operations or liquidity.

From time to time, the Company is involved in other litigation and proceedings, including matters related to product liability claims, commercial disputes and intellectual property claims, as well as regulatory, employment, and other claims related to our business. The Company accrues for legal claims when, and to the extent that, amounts associated with the claims become probable and are reasonably estimable. The actual costs of resolving legal claims may be substantially higher or lower than the amounts accrued for those claims. For those matters as to which we are not able to estimate a possible loss or range of loss, we are not able to determine whether the loss will have a material adverse effect on our business, financial condition or results of operations or liquidity. No accrual has been recorded as of September 30, 2018 and December 31, 2017 related to such matters as they are not probable and/or reasonably estimable.

Management believes that all such current legal actions, in the aggregate, will not have a material adverse effect on the Company. However, the resolution of, or increase in any accruals for, one or more matters may have a material adverse effect on the Company's results of operations and cash flows.

The Company also maintains insurance, including coverage for product liability claims, in amounts which management believes are appropriate given the nature of its business.

Note 10. Fair Value Measurements

The following table presents the Company's hierarchy for its assets and liabilities measured at fair value on a recurring basis as of the following periods (in thousands):

| | September 30, 2018 | | | | December 31, 2017 | | | |
|--|--------------------|-----------|----------|-----------|-------------------|-----------|----------|-----------|
| | Level 1 | Level 2 | Level 3 | Total | Level 1 | Level 2 | Level 3 | Total |
| Contingent consideration | \$— | | \$18,752 | \$18,752 | \$— | \$24,301 | | \$24,301 |
| Deferred consideration | | \$184,845 | | \$184,845 | | \$223,158 | | \$223,158 |
| Total liabilities measured at fair value | \$— | \$184,845 | \$18,752 | \$203,597 | \$— | \$223,158 | \$24,301 | \$247,459 |

There were no transfers of assets or liabilities between Level 1, Level 2 and Level 3 categories of the fair value hierarchy during the three and nine month periods ended September 30, 2018 and the year ended December 31, 2017. In connection with the acquisition of the BNP Business, the Company will pay up to \$280.0 million in cash, of which \$256.0 million is guaranteed and is considered deferred consideration and \$24.0 million is contingent consideration. The fair value of the deferred consideration was determined to be \$220.6 million on the acquisition date based on the net present value of cash payments. The discount rate utilized was based on a quoted borrowing rate for a similar liability. The Company recorded \$7.7 million for the accretion of interest on the deferred consideration during the nine months ended September 30, 2018. The fair value of contingent consideration on the acquisition date was \$19.7 million and was calculated using a discounted probability weighted valuation model. Due to changes in the estimated probabilities and a shorter discounting period related to the BNP Business contingent consideration, the fair value of the contingent consideration liabilities changed during the three and nine months ended September 30, 2018. These changes resulted in a \$0.7 million loss recorded to general and administrative expense in the Consolidated Statements of Operations during the nine months ended September 30, 2018.

In conjunction with the acquisitions of BioHelix Corporation in May 2013, AnDiaTec GmbH & Co. KG in August 2013 and Immutopics, Inc. in March 2016, the Company recorded contingent consideration of \$0.3 million as of September 30, 2018 and \$4.6 million as of December 31, 2017. The Company assesses the fair value of contingent consideration to be settled in

cash related to these prior acquisitions using a discounted revenue model. Significant assumptions used in the measurement include revenue projections and discount rates. This fair value measurement of contingent consideration is based on significant inputs not observed in the market and thus represent Level 3 measurements.

Changes in estimated fair value of contingent consideration liabilities from December 31, 2017 through September 30, 2018 are as follows (in thousands):

| | Contingent consideration liabilities (Level 3 measurement) |
|--|---|
| Balance at December 31, 2017 | \$ 24,301 |
| Cash payments | (6,294) |
| Loss recorded for fair value adjustments | 745 |
| Balance at September 30, 2018 | \$ 18,752 |

Note 11. Acquisition

On October 6, 2017, the Company closed on the acquisition of the Triage® MeterPro® Cardiovascular (CV) and toxicology business ("Triage Business), and B-type Natrietic Peptide (BNP) assay business run on Beckman Coulter analyzers ("BNP Business" and, together, the "Triage and BNP Businesses") from Alere Inc. ("Alere"). The acquisition has been accounted for in conformity with ASC Topic 805, Business Combinations. In connection with the acquisition of the Triage Business, the Company paid \$399.8 million in cash and assumed certain liabilities. These acquisitions enhance the Company's revenue profile and expand the Company's geographic footprint and product portfolio. The Company used proceeds from the Term Loan (defined and discussed in Note 6) of \$245.0 million and cash on hand to pay (i) the consideration for the Triage Business and (ii) fees and expenses incurred in connection with the acquisition of the Triage and BNP Businesses. In connection with the acquisition of the BNP Business, the Company: (i) will pay (A) \$16.0 million in cash plus up to an additional \$24.0 million in contingent consideration, payable in five annual installments of up to \$8.0 million, the first of which was due and paid in April 2018, (B) \$240.0 million in cash, payable in six annual installments of \$40.0 million each, the first of which was due and paid in April 2018 and (C) \$0.2 million in cash for certain inventory related adjustments; and (ii) assumed certain liabilities.

The purchase price consideration is as follows (in thousands):

| | |
|---------------------------------------|-----------|
| Cash consideration—Triage Business | \$399,798 |
| Deferred consideration—BNP Business | 220,550 |
| Contingent consideration—BNP Business | 19,700 |
| Inventory related adjustment | 205 |
| Net consideration | \$640,253 |

The fair value of the deferred consideration was determined to be \$220.6 million on the acquisition date based on the net present value of cash payments. The discount rate utilized was based on a quoted borrowing rate for a similar liability. The fair value of contingent consideration on the acquisition date of \$19.7 million was calculated using a discounted probability weighted valuation model.

The components of the purchase price allocation at the acquisition date is as follows (in thousands):

| | |
|---|-----------|
| Prepaid expenses and other current assets | \$796 |
| Assets held for sale | 146,540 |
| Inventories | 52,205 |
| Property, plant and equipment | 10,608 |
| Intangible assets | 184,900 |
| Goodwill | 245,531 |
| Other non-current assets | 182 |
| Total assets acquired | \$640,762 |
| Other current liabilities | (509) |
| Total net assets and liabilities acquired | \$640,253 |

Goodwill represents the excess of the total purchase price over the fair value of the underlying net assets, largely arising from synergies expected to be achieved by the combined Company and the expanded revenue profile and product diversity. The goodwill is fully deductible for tax purposes.

The fair value of the identified intangible assets was determined primarily using an income-based approach. Intangible assets are amortized on a straight-line basis over the respective amortization periods. The following sets forth results of the amounts assigned to the identifiable intangible assets acquired (in thousands):

| Intangible Asset | Amortization period | Fair value of assets acquired |
|-------------------------|---------------------|-------------------------------|
| Purchased technology | 10 years | \$52,400 |
| Customer relationships | 7 years | 115,000 |
| Trademarks | 10 years | 17,500 |
| Total intangible assets | | \$184,900 |

ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

In this Quarterly Report, all references to "we," "our" and "us" refer to Quidel Corporation and its subsidiaries.

Future Uncertainties and Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of the federal securities laws that involve material risks, assumptions and uncertainties. Many possible events or factors could affect our future financial results and performance, such that our actual results and performance may differ materially from those that may be described or implied in the forward-looking statements. As such, no forward-looking statement can be guaranteed. Differences in actual results and performance may arise as a result of a number of factors including, without limitation: our reliance on sales of our influenza diagnostic tests; fluctuations in our operating results resulting from the timing of the onset, length and severity of cold and flu seasons, seasonality, government and media attention focused on influenza and the related potential impact on humans from novel influenza viruses, adverse changes in competitive conditions in domestic and international markets, the reimbursement system currently in place and future changes to that system, changes in economic conditions in our domestic and international markets, lower than anticipated market penetration of our products, the quantity of our product in our distributors' inventory or distribution channels, changes in the buying patterns of our distributors, and changes in the healthcare market and consolidation of our customer base; our development and protection of proprietary technology rights; our development of new technologies, products and markets; our reliance on a limited number of key distributors; intellectual property risks, including but not limited to, infringement litigation; our need for additional funds to finance our capital or operating needs; the financial soundness of our customers and suppliers; acceptance of our products among physicians and other healthcare providers; competition with other providers of diagnostic products; adverse actions or delays in new product reviews or related to currently-marketed products by the U.S. Food and Drug Administration (the "FDA") or other regulatory authorities or loss of any previously received regulatory approvals or clearances; changes in government policies; our exposure to claims and litigation, including litigation currently pending against us; costs of or our failure to comply with government regulations in addition to FDA regulations; compliance with government regulations relating to the handling, storage and disposal of hazardous substances; third-party reimbursement policies; our failure to comply with laws and regulations relating to billing and payment for healthcare services; our ability to meet demand for our products; interruptions in our supply of raw materials; product defects; business risks not covered by insurance; our exposure to cyber-based attacks and security breaches; competition for and loss of management and key personnel; international risks, including but not limited to, compliance with product registration requirements, exposure to currency exchange fluctuations and foreign currency exchange risk sharing arrangements, longer payment cycles, lower selling prices and greater difficulty in collecting accounts receivable, reduced protection of intellectual property rights, political and economic instability, taxes, and diversion of lower priced international products into U.S. markets; changes in tax rates and exposure to additional tax liabilities or assessments; risks relating to the acquisition and integration of the Triage and BNP Businesses; Alere's failure to perform under various transition agreements relating to our acquisition of the Triage and BNP Businesses; that we may incur substantial costs to build our information technology infrastructure to transition the Triage and BNP Businesses; that we may have to write off goodwill relating to our acquisition of the Triage and BNP Businesses; our ability to manage our growth strategy; the level of our indebtedness; the amount of, and our ability to repay, renew or extend, our outstanding debt and its impact on our operations and our ability to obtain financing; that substantially the Senior Credit Facility is secured by substantially all of our assets; our prepayment requirements under the Senior Credit Facility; the agreements for our indebtedness place operating and financial restrictions on the Company; that an event of default could trigger acceleration of our outstanding indebtedness; the effect on our operating results from the trigger of the conditional conversion feature of our Convertible Senior Notes; that we may incur additional indebtedness; increases in interest rate relating to our variable rate debt; dilution resulting from future sales of our equity; volatility in our stock price; provisions in our charter documents, Delaware law and the indenture governing our Convertible Senior Notes that might delay or impede stockholder actions with respect to business combinations or similar transactions; and our intention of not paying dividends. Forward-looking statements typically are identified by the use of terms such as "may," "will," "should," "might," "expect," "anticipate," "estimate," "plan," "intend," "goal," "project," "strategy," "future," although some forward-looking statements are expressed differently. Forward-looking statements in this Quarterly Report include, among others, statements concerning: our outlook for the remainder of 2018 regarding our strategy,

revenue growth, gross margins and earnings, including the sources of expected growth; that we expect to continue to make substantial expenditures for research and development activities; projected capital expenditures for the remainder of 2018 and our source of funds for such expenditures; the sufficiency of our liquidity and capital resources; our strategy, goals, initiatives and objectives; the impact of new accounting standards; our exposure to, and defenses against, claims and litigation; the sufficiency of our liquidity and our short-term needs for capital; our use of foreign currency hedging agreements; that we may incur additional debt or issue additional equity; that we may enter into agreements to share foreign currency exchange fluctuation risk; and our intention to continue to evaluate technology, product lines and acquisition opportunities. The risks described under “Risk Factors” in Item 1A of this Quarterly Report on Form 10-Q and our Annual Report on Form 10-K for the year ended December 31, 2017, and elsewhere herein and in reports and registration statements that we file with the Securities

and Exchange Commission (the “SEC”) from time to time, should be carefully considered. You are cautioned not to place undue reliance on these forward-looking statements, which reflect management’s analysis only as of the date of this Quarterly Report.

The following should be read in conjunction with the Consolidated Financial Statements and Notes thereto beginning on page 3 of this Quarterly Report. Except as required by law, we undertake no obligation to publicly release the results of any revision or update of these forward-looking statements, whether as a result of new information, future events or otherwise.

Overview

We have a leadership position in the development, manufacturing and marketing of diagnostic testing solutions. These diagnostic testing solutions are separated into our four product categories: rapid immunoassay, cardiac immunoassay, specialized diagnostic solutions and molecular diagnostic solutions. We sell our products directly to end users and distributors, in each case, for professional use in physician offices, hospitals, clinical laboratories, reference laboratories, leading universities, retail clinics, pharmacies and wellness screening centers. We market our products through a network of distributors and a direct sales force.

Outlook

We anticipate continued revenue growth during the remainder of 2018 and a related positive impact on gross margin and earnings. This growth is expected to be driven primarily by the impact of the Triage and BNP Businesses and sales of our Sofia assays and molecular products. In addition, we expect continued and significant investment in research and development activities as we invest in our next generation immunoassay and molecular platforms. We will continue our focus on prudently managing our business and delivering solid financial results, while at the same time striving to continue to introduce new products to the market and maintaining our emphasis on research and development investments for longer term growth. Finally, we will continue to evaluate opportunities to acquire new product lines, technologies and companies.

Three months ended September 30, 2018 compared to the three months ended September 30, 2017

Total Revenues

The following table compares total revenues for the three months ended September 30, 2018 and 2017 (in thousands, except percentages):

| | Three months ended | | Increase (Decrease) | |
|----------------------------------|--------------------|--------------------|---------------------|------|
| | September 30, 2018 | September 30, 2017 | \$ | % |
| Rapid Immunoassay | \$35,366 | \$36,458 | \$(1,092) | (3)% |
| Cardiac Immunoassay | 65,287 | — | 65,287 | N/A |
| Specialized Diagnostic Solutions | 12,294 | 11,655 | 639 | 5% |
| Molecular Diagnostic Solutions | 4,452 | 2,781 | 1,671 | 60% |
| Total revenues | \$117,399 | \$50,894 | \$66,505 | 131% |

For the three months ended September 30, 2018, total revenue increased to \$117.4 million from \$50.9 million in the prior period. The increase in total revenues was driven by Cardiac Immunoassay revenue from the acquisition of the Triage and BNP Businesses in October 2017. The 60% increase in our Molecular revenues was driven by continued gains on our Solana platform. These increases were partially offset by lower Rapid Immunoassay sales driven primarily due to timing of distributor orders as we enter the the cold and flu season versus prior year.

Gross Profit

Gross profit increased to \$69.6 million, or 59% of revenue for the three months ended September 30, 2018, compared to \$29.7 million, or 58% of revenue for the three months ended September 30, 2017. The increased gross profit was mainly driven by the addition of the Cardiac Immunoassay products from the acquisition of the Triage and BNP Businesses in October 2017. Gross margin increased by 1% compared to the same period in the prior year due to lower amortization of intangibles on the legacy Quidel business.

Operating Expenses

The following table compares operating expenses for the three months ended September 30, 2018 and 2017 (in thousands, except percentages):

| | Three months ended September 30, 2018 | | 2017 | | Increase (Decrease) | |
|-----------------------------------|--|--------------------------|--------------------|--------------------------|---------------------|--------|
| | Operating expenses | As a % of total revenues | Operating expenses | As a % of total revenues | \$ | % |
| Research and development | \$ 13,103 | 11 % | \$ 7,468 | 15 % | \$ 5,635 | 75 % |
| Sales and marketing | \$ 26,504 | 23 % | \$ 13,588 | 27 % | \$ 12,916 | 95 % |
| General and administrative | \$ 10,620 | 9 % | \$ 6,580 | 13 % | \$ 4,040 | 61 % |
| Acquisition and integration costs | \$ 2,521 | 2 % | \$ 4,591 | 9 % | \$ (2,070) | (45) % |

Research and Development Expense

Research and development expense for the three months ended September 30, 2018 increased from \$7.5 million to \$13.1 million due primarily to additional expenses associated with the Triage Business and investments in the Savanna molecular diagnostic platform.

Research and development expenses include direct external costs such as fees paid to third-party contractors and consultants, and internal direct and indirect costs such as compensation and other expenses for research and development personnel, supplies and materials, clinical trials and studies, facility costs and depreciation.

Sales and Marketing Expense

Sales and marketing expense for the three months ended September 30, 2018 increased from \$13.6 million to \$26.5 million primarily driven by increased expenses associated with the global footprint of the newly acquired Triage and BNP Businesses in October 2017. Additionally, the Company experienced higher compensation costs and fees for professional services.

General and Administrative Expense

General and administrative expense for the three months ended September 30, 2018 increased from \$6.6 million to \$10.6 million compared with the prior year period primarily due to our global infrastructure created in support of the acquired Triage BNP businesses. The Company also had increased compensation costs and professional fees in the period.

Acquisition and Integration Costs

Acquisition and integration costs for the three months ended September 30, 2018 decreased from \$4.6 million to \$2.5 million compared with the prior year period, as more of the global operations become fully integrated into the business.

Other Expense, Net

Interest expense, net primarily relates to accretion of interest on the deferred consideration related to the BNP Business, coupon and accretion interest related to our Convertible Senior Notes and interest and amortization of deferred financing costs associated with the Senior Credit Facility. The increase in interest expense of \$2.0 million over the last year was primarily due to the interest incurred under the deferred consideration and the Senior Credit Facility entered into in connection with the acquisitions of the Triage and BNP Businesses. Loss on extinguishment of debt of \$1.3 million was due to the modification of the Senior Credit Agreement and the resulting write-off of certain previously capitalized costs relating to the Term Loan. See further discussion in Note 6 to the Consolidated Financial Statements in this Quarterly Report.

Income Taxes

The income tax benefit was insignificant for the three months ended September 30, 2018. For the three months ended September 30, 2017, income tax expense was \$0.2 million. For the three months ended September 30, 2018, we had an insignificant income tax benefit compared to income tax expense in the prior year primarily as a result of the reduction in the tax rate from the Tax Act and higher discrete tax benefits recorded during the 2018 periods for excess tax benefits of stock-based compensation.

Nine months ended September 30, 2018 compared to the nine months ended September 30, 2017

Total Revenues

The following table compares total revenues for the nine months ended September 30, 2018 and 2017 (in thousands, except percentages):

| | For the nine months ended | | Increase (Decrease) | | |
|----------------------------------|---------------------------|--------------------|---------------------|-----|---|
| | September 30, 2018 | September 30, 2017 | \$ | % | |
| Rapid Immunoassay | \$132,740 | \$115,974 | \$16,766 | 14 | % |
| Cardiac Immunoassay | 203,581 | — | 203,581 | N/A | |
| Specialized Diagnostic Solutions | 39,859 | 37,731 | 2,128 | 6 | % |
| Molecular Diagnostic Solutions | 13,517 | 9,148 | 4,369 | 48 | % |
| Total revenues | \$389,697 | \$162,853 | \$226,844 | 139 | % |

For the nine months ended September 30, 2018, total revenue increased to \$389.7 million from \$162.9 million in the prior year. The increase in total revenues was driven primarily by Cardiac Immunoassay revenue from the acquisition of the Triage and BNP Businesses. The Company also realized increases in Rapid Immunoassay revenues due primarily to growth in Influenza, bolstered by a robust cold and flu season during the first quarter of 2018. Molecular products were up 48% over prior year driven by continued revenue growth on the Solana platform.

Gross Profit

Gross profit increased to \$233.6 million, or 60% of revenue for the nine months ended September 30, 2018, compared to \$97.0 million, or 60% of revenue for the nine months ended September 30, 2017. The increased gross profit was mainly driven by the addition of the Cardiac Immunoassay products from the acquisition of the Triage and BNP Businesses and increased Influenza revenues in the current year. Gross margin remained consistent with the same period in the prior year.

Operating Expenses

The following table compares operating expenses for the nine months ended September 30, 2018 and 2017 (in thousands, except percentages):

| | For the nine months ended September 30, | | Increase (Decrease) | | |
|-----------------------------------|---|--------------------------|---------------------|-----|---|
| | 2018 | 2017 | \$ | % | |
| | Operating expenses | Operating expenses | | | |
| | As a % of total revenues | As a % of total revenues | | | |
| Research and development | \$39,008 | \$22,970 | \$16,038 | 70 | % |
| Sales and marketing | \$82,607 | \$40,875 | \$41,732 | 102 | % |
| General and administrative | \$32,652 | \$20,483 | \$12,169 | 59 | % |
| Acquisition and integration costs | \$10,923 | \$7,022 | \$3,901 | 56 | % |

Research and Development Expense

Research and development expense for the nine months ended September 30, 2018 increased from \$23.0 million to \$39.0 million due primarily to additional expenses associated with the Triage Business and investments in the Savanna molecular diagnostic platform.

Research and development expenses include direct external costs such as fees paid to consultants, and internal direct and indirect costs such as compensation and other expenses for research and development personnel, supplies and materials, clinical trials and studies, facility costs and depreciation.

Sales and Marketing Expense

Sales and marketing expense for the nine months ended September 30, 2018 increased \$41.7 million to \$82.6 million compared with the prior year period, due primarily to increased expenses associated with the newly acquired Triage and BNP Businesses in October 2017. Increases were also driven by higher compensation costs associated with additional headcount and improved company performance.

General and Administrative Expense

General and administrative expense for the nine months ended September 30, 2018 increased from \$20.5 million to \$32.7 million compared with the prior year period, due to additional costs associated with the Triage and BNP Businesses, higher professional fees and higher compensation costs associated with improved company performance.

Acquisition and Integration Costs

Acquisition and integration costs for the nine months ended September 30, 2018 increased from \$7.0 million to \$10.9 million driven by integration activities related to the acquisitions of the Triage and BNP Businesses.

Other Expense, net

Interest expense, net was \$19.5 million and \$8.4 million for the nine months ended September 30, 2018 and 2017, respectively. Interest expense, net primarily relates to accretion of interest on the deferred consideration, coupon and accretion interest related to our Convertible Senior Notes and interest and amortization of deferred financing costs associated with the Senior Credit Facility. The increase in interest expense of \$11.1 million over the prior year was primarily due to the accretion of interest on deferred consideration related to the BNP Business and interest incurred under the Senior Credit Facility. These increases were partially offset by lower interest expense associated with the Convertible Senior Note due to conversions during the current year. Loss on extinguishment of debt of \$8.3 million for the nine months ended September 30, 2018 relates to the \$161.8 million early payment on the Term Loan, the extinguishment of \$108.8 million in aggregate principal of the Convertible Senior Notes in exchange for the Company's common stock during the period and the was due to the modification of the Senior Credit Agreement and the resulting write-off of certain previously capitalized costs relating to the Term Loan. See further discussion in Note 6 to the Consolidated Financial Statements in this Quarterly Report.

Income Taxes

For the nine months ended September 30, 2018 and 2017, we recognized income tax benefit of \$1.1 million and income tax expense of \$0.4 million, respectively. For the nine months ended September 30, 2018, we had an income tax benefit compared to an income tax expense in the prior year primarily as a result of the reduction in the tax rate from the Tax Act, the impacts of the full valuation allowance on U.S. earnings and discrete tax benefits recorded during the period related to stock-based compensation.

The Tax Act significantly revises how companies compute their U.S corporate tax liability by, among other provisions, reducing the corporate tax rate from 35% to 21% for tax years beginning after December 31, 2017, implementing a territorial tax system, and requiring a mandatory one-time tax on U.S.-owned undistributed foreign earnings and profits known as the transition tax.

Liquidity and Capital Resources

As of September 30, 2018 and December 31, 2017, the principal sources of liquidity consisted of the following (in thousands):

| | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| Cash and cash equivalents | \$ 38,694 | \$36,086 |
| Working capital including cash and cash equivalents (1) | \$ 95,585 | \$202,881 |

(1) The Convertible Senior Notes balance of \$53.9 million is excluded from working capital amount as such notes may be settled at the Company's option in cash or a combination of cash and shares of common stock.

As of September 30, 2018, we had \$38.7 million in cash and cash equivalents, a \$2.6 million increase from December 31, 2017. Our cash requirements fluctuate as a result of numerous factors, such as cash generated from operations, progress in research and development projects, competition and technological developments and the time and expenditures required to obtain governmental approval of our products as well as asset acquisitions. In addition, we intend to continue to evaluate candidates for new product lines, company or technology acquisitions or technology licensing. If we decide to proceed with any such transactions, we may need to incur additional debt, or issue additional equity, to successfully complete such transactions.

Our primary source of liquidity, other than our holdings of cash and cash equivalents, has been cash flows from operations, debt financings and proceeds from issuance of common stock. Cash generated from operations provides us with the financial flexibility we need to meet normal operating, investing and financing needs. We anticipate that our current cash and cash equivalents, together with cash provided by operating activities as well as access to funds from our Revolving Credit Facility will be sufficient to fund our near-term capital and operating needs for at least the next 12 months. Normal operating needs include the planned costs to operate our business, including amounts required to fund working capital and capital expenditures. Our primary short-term needs for capital, which are subject to change, include expenditures related to:

- support of commercialization efforts related to our current and future products, including support of our direct sales force and field support resources both in the United States and abroad;
- interest on and repayments of our Convertible Senior Notes, Revolving Credit Facility, deferred consideration, contingent consideration and lease obligations;
- the continued advancement of research and development efforts;
- acquisitions of equipment and other fixed assets for use in our current and future manufacturing and research and development facilities;
- the integration of our recent acquisitions; and
- potential strategic acquisitions and investments.

Our Convertible Senior Notes due in 2020 have a coupon rate of 3.25% and are convertible as of September 30, 2018. The principal balance outstanding as of September 30, 2018 was \$58.5 million. On August 31, 2018, we entered into an amendment to the Credit Agreement to increase the Revolving Credit Facility limit to \$175.0 million and transferred the Term Loan principal of \$83.2 million to the Revolving Credit Facility. The Revolving Credit Facility matures on August 31, 2023. See Note 6 of the Notes to Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report for further discussion of the Convertible Senior Notes and the Revolving Credit Facility.

As of September 30, 2018, we have \$203.6 million in fair value of deferred and contingent considerations associated with prior acquisitions to be settled in future periods.

We expect our revenue and operating expenses will significantly impact our cash management decisions. Our future capital requirements and the adequacy of our available funds to service our long-term debt and to fund working capital expenditures and business development efforts will depend on many factors, including:

- our ability to successfully integrate our recently acquired businesses;
- our ability to realize revenue growth from our new technologies and create innovative products in our markets;
- our outstanding debt and covenant restrictions;
- our ability to leverage our operating expenses to realize operating profits as we grow revenue;

•competing technological and market developments; and

24

the need to enter into collaborations with other companies or acquire other companies or technologies to enhance or complement our product and service offerings.

Cash Flow Summary

| | Nine months ended September 30, | |
|---|------------------------------------|-----------|
| | 2018 | 2017 |
| Net cash provided by operating activities: | \$93,128 | \$16,484 |
| Net cash provided by (used for) investing activities: | 123,769 | (27,155) |
| Net cash (used for) provided by financing activities: | (214,474) | 14,137 |
| Effect of exchange rates on cash | 185 | 20 |
| Net increase in cash and cash equivalents | \$2,608 | \$3,486 |

Cash provided by operating activities of \$93.1 million during the nine months ended September 30, 2018 reflects net income of \$41.7 million and non-cash adjustments of \$67.2 million primarily associated with depreciation, amortization, stock-based compensation, non-cash interest expense, amortization of inventory step-up to fair value and loss on extinguishment of debt. In addition, we used cash for net working capital of \$19.3 million, primarily driven by changes in receivables related to our transition services agreements and income taxes receivable. For the nine months ended September 30, 2017, cash provided by operating activities of \$16.5 million reflected net loss of \$3.1 million and non-cash adjustments of \$28.0 million primarily related to depreciation, amortization and stock-based compensation. Additionally, a net working capital use of \$12.5 million offset a portion of the increase. Our investing activities provided \$123.8 million during the nine months ended September 30, 2018 primarily from the sale of the Summers Ridge property for approximately \$146.6 million. Additionally, we used \$22.9 million to acquire production equipment, building improvements and Sofia, Solana and Triage instruments available for lease. Our investing activities used \$27.2 million during the nine months ended September 30, 2017, primarily consisting of the acquisition of the InflammDry and AdenoPlus diagnostic businesses from RPS for approximately \$14.4 million and \$12.8 million on production equipment, building improvements, intangible assets and Sofia and Solana instruments available for lease.

We are currently planning approximately \$10.0 million in capital expenditures for the remainder of 2018. The primary purpose for our capital expenditures is to acquire manufacturing and scientific equipment, to purchase or develop information technology, to acquire Sofia, Solana and Triage instruments and to implement facility improvements. We plan to fund these capital expenditures with the cash on our balance sheet.

Cash used by financing activities was \$214.5 million during the nine months ended September 30, 2018 primarily related to payments on the Term Loan of \$161.8 million, payments on the Revolving Credit Facility of \$10.0 million, payments on deferred consideration of \$46.0 million, repurchases of common stock of \$3.8 million, \$2.0 million of transaction costs related to the exchange of convertible notes for common stock and payments of acquisition contingent consideration of \$6.3 million, partially offset by proceeds from issuance of stock of \$16.0 million from stock option exercises. Cash provided by financing activities was \$14.1 million during the nine months ended September 30, 2017, and was primarily related to proceeds from the issuance of common stock of \$15.2 million from stock option exercises. This amount was partially offset by repurchases of common stock of \$0.5 million and payments of acquisition related acquisition contingencies of \$0.5 million.

Seasonality

Sales of our influenza products are subject to, and significantly affected by, the seasonal demands of the cold and flu seasons, prevalent during the fall and winter. As a result of these seasonal demands, we typically experience lower sales volume in the second and third quarters of the calendar year, and typically have higher sales in the first and fourth quarters of the calendar year. Historically, sales of our influenza products have varied from year to year based, in large part, on the severity, length and timing of the onset of the cold and flu season.

Off-Balance Sheet Arrangements

At September 30, 2018 and December 31, 2017, we did not have any relationships with unconsolidated entities or financial partners, such as entities often referred to as structured finance or special purpose entities, which would have been established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited

purposes. As

25

such, we are not materially exposed to any financing, liquidity, market or credit risk that could arise if we had engaged in such relationships.

Recent Accounting Pronouncements

Information about recently adopted and proposed accounting pronouncements is included in Note 1 of the Notes to Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report under the heading “Recent Accounting Pronouncements” and is incorporated herein by reference.

Critical Accounting Policies and Estimates

Our discussion and analysis of our financial condition and results of operations is based on our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the U.S. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosures of contingent assets and liabilities. On an on-going basis, management evaluates its estimates, including those related to customer programs and incentives, stock-based compensation, goodwill and intangible assets, business combinations, income taxes, and convertible debt. We base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

A comprehensive discussion of our critical accounting policies and management estimates is included in Management’s Discussion and Analysis of Financial Condition and Results of Operations in our Annual Report on Form 10-K for the year ended December 31, 2017. Other than the adoption of ASU 2014-09, Revenue from Contracts with Customers (Topic 606) as described in Note 1 to the Consolidated Financial Statements in this Quarterly Report, there were no material changes to our critical accounting policies and estimates during the nine months ended September 30, 2018.

ITEM 3. Quantitative and Qualitative Disclosures About Market Risk

Interest Rate Risk

We are not subject to interest rate risk on our Convertible Senior Notes as the notes have a fixed interest rate of 3.25%. For fixed rate debt, changes in interest rates will generally affect the fair value of the debt instrument, but not our earnings or cash flows. Under our current policies, we do not use interest rate derivative instruments to manage our exposure to changes in interest rates.

Our Senior Credit Facility debt is subject to interest rate risk as a portion of the interest rate fluctuates based on the LIBOR. We had \$83.2 million outstanding under our Senior Credit Facility at September 30, 2018. The weighted average interest rate on these borrowings is 4.31% as of September 30, 2018. A hypothetical 100 basis point adverse move in interest rates along the entire interest rate yield curve would increase our annual interest expense by approximately \$0.8 million. Based on our market risk sensitive instruments outstanding at September 30, 2018, we have determined that there was no material market risk exposure from such instruments to our consolidated financial position, results of operations or cash flows as of such date.

Our current investment policy with respect to our cash and cash equivalents focuses on maintaining acceptable levels of interest rate risk and liquidity. Although we periodically evaluate our placement of investments, as of September 30, 2018, we did not have any cash and cash equivalents placed in funds held in government money market accounts and commercial paper.

Foreign Currency Exchange Risk

Sales to customers outside the U.S. represented \$124.3 million (32%) of total revenue for the nine months ended September 30, 2018, and accounts receivable due from foreign customers was \$10.1 million as of September 30, 2018. We recognized \$0.5 million in foreign exchange loss for the nine months ended September 30, 2018 and an immaterial foreign exchange loss for the nine months ended September 30, 2017. The majority of our international sales are negotiated for and paid in foreign currency, which involves currency risks. Change in the values of the Euro and the Chinese Renminbi could result in currency gains and losses and could have an impact on our business, financial condition and results of operations. We do not currently hedge against exchange rate fluctuations, which means that we are fully exposed to exchange rate changes. In addition, we have certain agreements whereby we share the foreign currency exchange fluctuation risk. We may, in the future, enter into similar such arrangements.

ITEM 4. Controls and Procedures

Evaluation of disclosure controls and procedures: We have performed an evaluation under the supervision and with the participation of our management, including our Chief Executive Officer (“CEO”) and Chief Financial Officer (“CFO”), of the effectiveness of our disclosure controls and procedures, as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934 (the “Exchange Act”). Based on that evaluation, our CEO and CFO concluded that our disclosure controls and procedures were effective as of September 30, 2018 at a reasonable assurance level to ensure that information required to be disclosed by us in the reports filed or submitted by us under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC’s rules and forms. Changes in internal control over financial reporting: There was no change in our internal control over financial reporting during the quarter ended September 30, 2018 that materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II OTHER INFORMATION

ITEM 1. Legal Proceedings

The information set forth in the section entitled “Litigation and Other Legal Proceedings” under Note 9 of the Notes to the Consolidated Financial Statements, included in Part I, Item I of this Quarterly Report, is incorporated herein by reference.

ITEM 1A. Risk Factors

There has been no material change in our risk factors as previously disclosed in our Annual Report on Form 10-K for the year ended December 31, 2017. For a detailed description of our risk factors, refer to Item 1A, “Risk Factors” of our Annual Report on Form 10-K for the year ended December 31, 2017.

ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds

Issuer Purchases of Equity Securities

The table below sets forth information regarding repurchases of our common stock by us during the three months ended September 30, 2018.

| Period | Total number of shares purchased (1) | Average price paid per share | Total number of shares purchased as part of publicly announced plans or programs | Approximate dollar value of shares that may yet be purchased under the plans or programs (2) |
|--------------------------------------|--------------------------------------|------------------------------|--|--|
| July 2, 2018 - July 29, 2018 | — | \$ — | — | \$ — |
| July 30, 2018 - August 26, 2018 | 316 | 70.76 | — | — |
| August 27, 2018 - September 30, 2018 | 2,202 | 73.18 | — | — |
| Total | 2,518 | \$ 72.87 | — | \$ — |

(1) We withheld 2,518 shares of common stock from employees in connection with payment of minimum tax withholding obligations relating to the lapse of restrictions on certain RSUs during the three months ended September 30, 2018.

(2) Our prior share repurchase program expired on January 25, 2018 and was not renewed.

ITEM 3. Defaults Upon Senior Securities

None.

ITEM 4. Mine Safety Disclosures

Not applicable.

ITEM 5. Other Information

None.

ITEM 6. Exhibits

- 3.1 Restated Certificate of Incorporation of Quidel Corporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's Form 8-K filed on February 27, 2015.)
- 3.2 Certificate of Amendment to the Restated Certificate of Incorporation of Quidel Corporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's Form 8-K filed on May 6, 2015.)
- 3.3 Amended and Restated Bylaws of Quidel Corporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's Form 8-K filed on February 27, 2015.)
- 4.1 Certificate of Designations of Series C Junior Participating Preferred Stock. (Incorporated by reference to Exhibit 4.1 to the Registrant's Form 10-Q for the quarter ended September 30, 2010.)
- 10.1* Amended and Restated Credit Agreement, by and among the Company, as Borrower, Bank of America, N.A. as Administrative Agent, Swing Line Lender and L/C Issuer, JPMorgan Chase Bank, N.A. as Syndication Agent, Bank of America Merrill Lynch and JP Morgan Chase Bank, N.A. as Joint Lead Arrangers and Joint Lead Bookrunners, dated as of August 31, 2018.
- 31.1* Certification by Principal Executive Officer of Registrant pursuant to Rules 13a-14 and 15d-14, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2* Certification by Principal Financial Officer of Registrant pursuant to Rules 13a-14 and 15d-14, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 32.1** Certifications by Principal Executive Officer and Principal Financial Officer of Registrant pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 101.INS* XBRL Instance Document
- 101.SCH* XBRL Taxonomy Extension Schema Document
- 101.CAL* XBRL Taxonomy Calculation Linkbase Document
- 101.DEF* XBRL Taxonomy Extension Definition Linkbase Document
- 101.LAB* XBRL Taxonomy Label Linkbase Document
- 101.PRE* XBRL Taxonomy Presentation Linkbase Document

* Filed herewith.

** Furnished herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: November 7, 2018 QUIDEL CORPORATION

/s/ DOUGLAS C. BRYANT
Douglas C. Bryant
President and Chief Executive Officer
(Principal Executive Officer)

/s/ RANDALL J. STEWARD
Randall J. Steward
Chief Financial Officer
(Principal Financial Officer)

Exhibit Index

Exhibit
Number

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