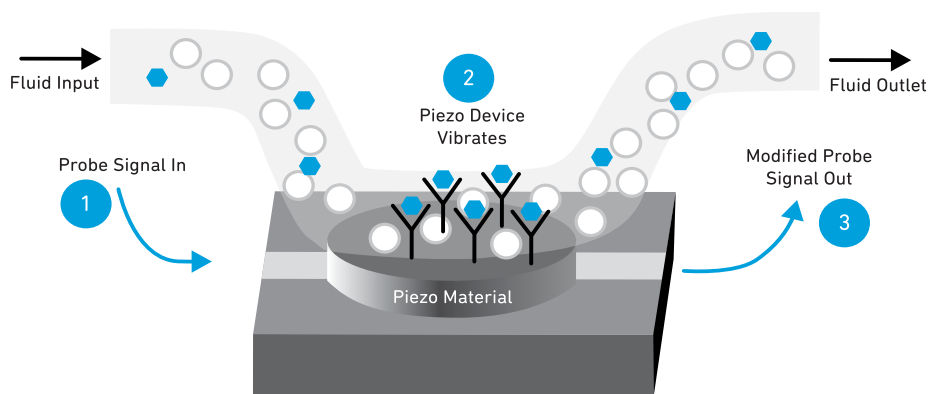




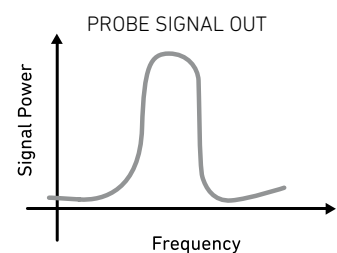
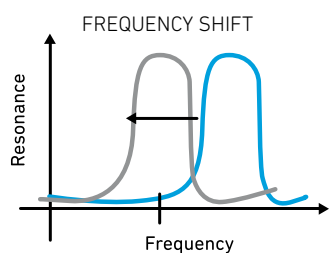
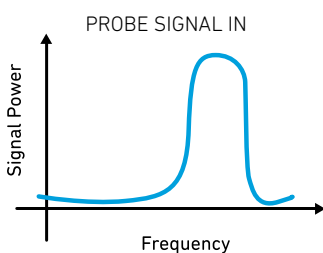
## A New Era in Detection

Qorvo Biotechnologies pairs rapid turnaround time with Bulk Acoustic Wave (BAW) detection technology to deliver a new generation of immunoassay diagnostics to laboratory testing.

- Sensitivity (Limit of Detection) scales with the square of the frequency, making certain assays capable of 1 pg/mL LOD with BAW



- 1 The RF signal is delivered to the BAW sensor as the fluid moves over the surface.
- 2 The sensor resonance frequency is modulated as mass is added to the surface.
- 3 The RF signal is output to the instrument.



Part Number: QPR9002

**Compact Instrument Footprint** Dimensions: 10" W x 9" D x 5" H; Weight: 7 lbs.

Designed to Accommodate Multiple Sample Types – Blood, Serum, Plasma, Saliva, Stool, Urine and Nasal Swabs

#### Factory Calibrated

The RFID tag on the test cartridge identifies the test, test protocol, calibration data, expiration date and batch traceability. In-field calibration is not needed.

#### Touchscreen Interface

The operator interacts with the instrument via a touchscreen interface or an optional barcode scanner. The software illustrates every step of the testing process for ease of use.

**Connectivity** Automatic result upload capability via Wi-Fi, Ethernet or Cellular as an optional Wi-Fi hotspot.

**Result Storage** Software stores 1000 results.

#### Power Requirements

- SL Power Electronics, ME40A1803F01
- Output rated: 18.0 volt, 2.22 amps, 40 watts
- Input rated: voltage 100-240VAC,  $\pm 10\%$ , 47-63Hz, 1 $\emptyset$
- Current 115VAC: 1.2A, 230VAC: 01.6A

#### Input/Output Connections

USB, RJ-45 and power plug

#### Operating Conditions

- Altitude:  $\leq 10,000$ ft above sea level
- Temperature: 15-30°C (59-80°F)
- Humidity: 30-80%, non-condensing

#### Shipping/Storage Conditions

- Shipping temperature: -29-60°C (-20-140°F)
- Storage temperature: 0-45°C (32-113°F)

#### Certifications:

- Safety: UL Listed, IEC 61010 -1, IEC 61010 -2, -2-010, -2-101
- Emissions & Susceptibility: IEC 60601-2:2014
- Environment & Transportation: ISTA 2A, RoHS Compliant

For more information, visit [www.qorvobiotech.com](http://www.qorvobiotech.com)



This product has not been FDA cleared or approved, but has been authorized by FDA under an EUA for use by authorized laboratories. This product has been authorized only for the detection of proteins from SARS-CoV-2, not for any other viruses or pathogens. The emergency use of this product is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostics for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Federal Food, Drug and Cosmetic Act, 21 U.S.C. § 360bbb-3(b)(1), unless the declaration is terminated or authorization is revoked sooner.