

Molecular POC Platforms on the Market

Vendor	Platform	Menu	Method
Alere	Alere i	Flu, strep A	Iso NEAR, photodiode
BD	Affirm VPiII	vaginitis ID	Nucleic acid direct probe, card result
Biocartis	Idylla*	Onco/Pgx, flu/RSV	qPCR
Cepheid	GeneXpert Express	flu/RSV	qPCR, solid state photodetector
Enigma	Enigma ML	flu/RSV	qPCR
Meridian	Illumigene	C-diff, strep A, GBS, myco, pertussis, CT/NG, HSV 1&2	Iso LAMP, turbidimeter/photodetector
Quidel	AmpliVue	c-diff, GBS, HSV, strep A, pertussis, TV	Iso HAD, chromato
Quidel	Solana	Strep A	Iso HDA, CCD/CMOS
Roche	Liat	Flu, strep A, flu/RSV	qPCR
Spartan Bio	Spartan RX	PGx (CYP2C19)	PCR

*CE regulatory status only.

Source: The Market and Potential for Molecular Point-of-Care Diagnostics. March 2016. Kalorama Information.

Abbreviations: Iso = isothermal; NEAR = nicking enzyme amplification reaction; Onco = oncology; Pgx = pharmacogenomics; RSV = respiratory syncytial virus; qPCR = realtime PCR/quantitative PCR; GBS = group B strep; CT/NG = chlamydia trachomatis (CT) and Neisseria gonorrhoeae (NG); LAMP = loopmediated isothermal amplification; HAD = helicasedependent amplification; chromate = immuno-chromatographic; CCD/CMOS = chargecoupled device (CCD) and complementary metal-oxide-semiconductor (CMOS) images sensors.