



QPS GENOMIC BIOMARKER ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Apolipoprotein E [ApoE] (112T>C, 158C>T) Genotyping	Human Whole Blood	N/A	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
Apolipoprotein E [ApoE] (112T>C, 158C>T) Genotyping	Human Whole Blood	N/A	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware
ATP-Binding Cassette Transporter Sub-family G2 (ABCG2) 421C>A Genotyping	Human Whole Blood	N/A	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
CYP2B6 (*5A, *9, *18) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware
CYP2C19 (*2, *3, *4, *5, *6, *8) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware
CYP2C9 (*2, *3, *4, *5, *8, *11, *13) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
CYP2D6 (*3, *3b, *5-2xN, *6, *7, *8, *10, *11, *14) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
CYP2D6 (*4, *17, 2850C>T, 4180G>C) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware



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CYP2D6 (*4, *5/*2xN, *9, *15, *17, *19, *20, *29, *35, *38, *40, *41, *44, 1846G>A, 1023C>T, 2850C>T, 4180G>C)	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware
CYP3A4 (*1B, *2, *3) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
CYP3A5 (*3C, *6) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
Cytidine Deaminase, CDA (79A>C, 208G>A, 435C>T) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
KRAS (35G>T, 35G>A, 34G>T, 34G>A, 38G>A)	Human Whole Blood	N/A	0.2 mL	N/A	-80	Pyrosequencing	QPS-Delaware
MT-RNR1 [1555A>G] and MT-TS1 [3243A>G] Mitochondrial DNA Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
<i>N</i> -Acetyltransferase 1, NAT1 (*10, *14B) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
<i>N</i> -Acetyltransferase 2, NAT2 (*5A, *6A, *7A, *14A) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware



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PIK3CA (1634A>G, 1636C>A, 1633G>A, 1624G>A, 3129G>T, 3139C>T, 3140A>T, 3140A>G) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
SLCO1B1 (*1B, *5)	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware
UDP-glucuronosyltransferase, UGT1A1 (*1, *6, *7, *27, *28, *36, *37, *60, *62) Genotyping	Human Whole Blood	N.Ap.	0.2 mL	N.Ap.	-80	Pyrosequencing	QPS-Delaware
VKORC1 (-1639G>A) Genotyping	Human Whole Blood	N/A	0.2 mL	N.Ap.	-80	TaqMan	QPS-Delaware