

Human Genomic DNA Quality Controls

CUSTOMER SERVICE AND QUALITY

Is your laboratory doing pharmacogenomic (PGx) testing? To ensure your staff and laboratory are performing such testing accurately, you can rely on ParagonDx Proficiency Testing Panels from the leader in PGx quality control.

ParagonDx will provide your lab with up to 30 blinded samples. Your staff analyzes the samples for certain variations and returns the results to ParagonDx. We score the results and return reports of proficiency along with analyses.

Our reputation for consistency, reliability and technical excellence gives you the confidence you need. Our responsive customer service and outstanding technical support mean you can count on timely accurate turn around.



CONTACT US

Call 307-734-0085 for pricing and other information.

Other genes not listed here may be available for proficiency testing. Please contact ParagonDx for more information.

www.ParagonDx.com

ACCURACY

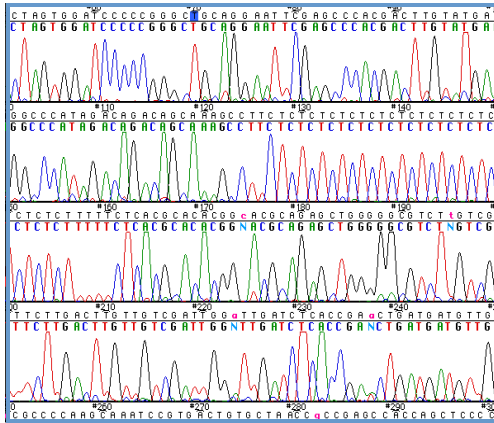
- ▶ Validate your assays
- ▶ Confirm staff proficiency
- ▶ Verify overall lab proficiency

PRECISION

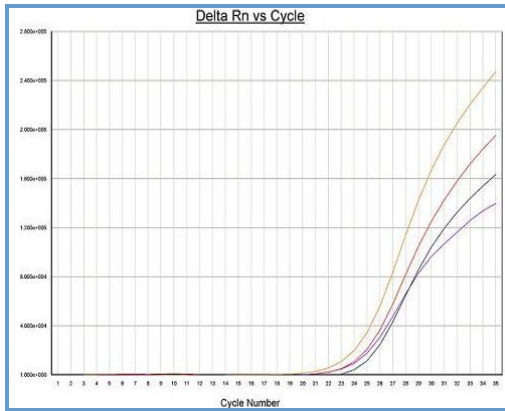
- ▶ Available for CYP2C9/VKORC1, CYP2D6, CYP2C19, MTHFR, UGT1A1, NAT2
- ▶ Up to 30 blinded samples, fully validated
- ▶ Results are returned to ParagonDx
- ▶ ParagonDx scores and reports results

We take diagnostics personally.

VALIDATED BY SEQUENCING

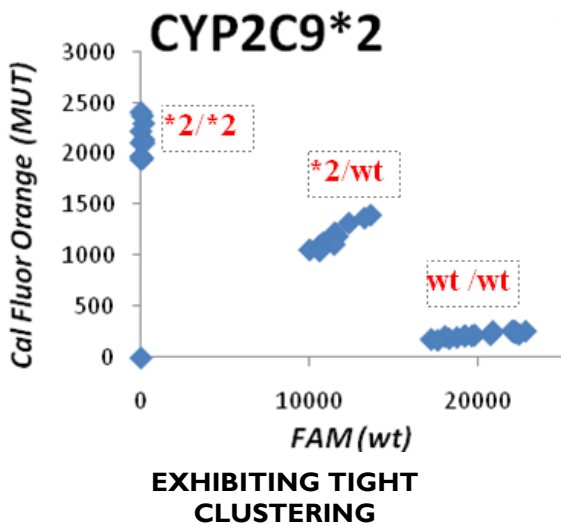


PLATFORM INDEPENDENT



RT-PCR

ROUTINE RUN CONTROLS



EXHIBITING TIGHT CLUSTERING

SUPERIOR QUALITY

Human Genomic DNA Quality Controls

CYP2D6 Controls							
*1	*1A	*2AxN	*2M	*3A	*4A	*4xN	*5
*6B	*7	*9	*10	*17	*29	*35	*41
CYP2C9/VKORC1 Controls							
CYP2C9 *1		CYP2C9 *2		CYP2C9 *3		VKORC1 -1639A	
VKORC1 -1639GG		VKORC1 -1639AA		VKORC1 +1173CT		VKORC1 +1173CC	
VKORC1 +1173TT		VKORC1 +3730GA		VKORC1 +3730GG		VKORC1 +3730AA	
CYP2C19 Controls							
*1		*2		*3			
UGT1A1 Controls							
*1		*28		*36		*37	
MTHFR Controls							
+677CC		+677CT		+677TT			
+1298AA		+1298AC		+1298CC			
NAT2 Controls							
*4		*5		*5B		*5C	
*6A		*7B		*13		*14	

Comparative testing of ParagonDx HGQCs and Coriell DNAs by using the AmpliChip. ParagonDx HGQCs exhibit 100% concordance with the expected genotypes.

VENDOR	CAT#	Expected results		Results User 1		Results User 2		Concordance
		2D6 Alleles	2C19 alleles	2D6	2C19	2D6	2C19	
ParagonDx	002-000101	*2xN/*4	*1/*1	*2XN/*4	*1/*1	*2XN/*4	*1/*1	Yes
ParagonDx	002-000102	*2xN/*29	*1/*2	*2XN/*29	*1/*2	*2XN/*29	*1/*2	Yes
ParagonDx	002-000103	*1/*5	*1/*3	*1/*5	*1/*3	*1/*5	*1/*3	Yes
ParagonDx	001-000106	*1/*6	*1/*1	*1/*6	*1/*1	*1/*6	*1/*1	Yes
ParagonDx	001-000109	*1/*9	*1/*1	*1/*9	*1/*1	*1/*9	*1/*1	Yes
ParagonDx	001-000217	*2/*17	*1/*1	*17/*41	*1/*1	*17/*41	*1/*1	Platform limitation
ParagonDx	001-000304	*3/*4	*1/*1	*3/*4	*1/*1	*3/*4	*1/*1	Yes
ParagonDx	001-000641	*6/*41	*1/*1	*6/*41	*1/*1	*6/*41	*1/*1	Yes
ParagonDx	001-00292x	*29/*2xN	*1/*2	*29/*2xN	*1/*2	*29/*2xN	*1/*2	Yes
ParagonDx	001-000505	*5/*5	*1/*1	*5/*5	*1/*1	*5/*5	*1/*1	Yes
ParagonDx	001-04102x	*4/*2xN	*1/*1	*4/*2xN	*1/*1	*4/*2xN	*1/*1	Yes
Coriell	NA12273	*1/*1	Unknown	*1/*1	*1/*2	*1/*1	*1/*2	Yes
Coriell	NA12244	*41/*35	Unknown	*41/*35	*1/*1	*41/*35	*1/*1	Yes
Coriell	NA12003	*35/*4	Unknown	*35/*4	*1/*1	*35/*4	*1/*1	Yes
Coriell	NA10181	*41/*1	Unknown	no call	*1/*1	no call	*1/*1	Repeat
Coriell	NA10666	*41/*1	Unknown	no call	no call	no call	no call	Repeat
Coriell	NA10005	*29/*17	Unknown	*29/*17	*1/*1	no call	*1/*1	Repeat
Coriell	NA9912	*4/*5	Unknown	*4/*5	*1/*1	*4/*5	*1/*1	Yes
Coriell	NA8873	*17/*5	Unknown	*17/*5	*1/*1	*17/*5	*1/*1	Yes
Coriell	NA1251	*41/*5	Unknown	*41/*5	*1/*1	*41/*5	*1/*1	Yes
Coriell	NA2016	*17/*2xN	Unknown	*17/*2xN	*1/*2	*17/*2xN	*1/*2	Yes
Coriell	NA9301	*41xN/*1	Unknown	*41xN/*1	no call	*41xN/*1	no call	Yes



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