



EXPERTEAM



l'esperienza in
biologia molecolare

GENETIC ASSAYS

In vitro diagnostic tests for inherited diseases and genetic predisposition.

EXPERTEAM SRL

Experteam is an Italian company with an history of more than 20 years in developing, producing and distributing *in vitro* diagnostic products

OUR OFFER

Diagnostic solutions for Azoospermia, Fragile X Syndrome, Huntington Disease, Hemochromatosis, Microsatellite Instability, B and T-cell Lymphomas, HPV and Food Intolerance (Celiac Disease and Lactose Intolerance) among others.

RQ Assays, based on Multiplex real-time PCR or Allelic Discrimination Assays, are used to detect specific alleles or Single Nucleotide Polymorphisms (SNPs).

FL Assays, based on PCR amplification followed by Automated Capillary Electrophoresis.

OUR PRODUCTS

HEREDITARY HEMOCHROMATOSIS

Code	Kit name	Technical specifications	# Tests	Label	Info
HE.01RQ	Hemochromatosis mutations Kit RQ	Real Time PCR Kit	40	CE/IVD	C282Y H63D S65C



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COAGULATION FACTORS

Code	Kit name	Technical specifications	# Tests	Label	Info
FC.01RQ	Factor II coagulation Kit-RQ	Real Time PCR Kit	40	CE/IVD	G20210A
FC.02RQ	Factor V coagulation Kit-RQ	Real Time PCR Kit	40	CE/IVD	G1691A
FC.04/1RQ	MTHFR C677A coagulation Kit - RQ	Real Time PCR Kit	40	CE/IVD	C677T
FC.04/2RQ	MTHFR A1298C coagulation Kit - RQ	Real Time PCR Kit	40	CE/IVD	A1298C
FC.11RQ	PAI 1 mutation kit 1 - RQ	Real Time PCR Kit	40	CE/IVD	4G/5G

HYPERCHOLESTEROLEMIA

Code	Kit name	Technical specifications	# Tests	Label	Info
SV.01RQ	<i>SLCO1B1</i> gene variant kit 1-RQ	Real Time PCR Kit	40	CE/IVD	simvastatin-related gene mutation c.521T>C

AZOOSPERMIA

Code	Kit name	Technical specifications	# Tests	Label	Info
AZ.020	Multiplex Oligo-Azoosp.kit 1	Agarose Gel Electrophoresis kit	50	CE/IVD	6 STS + 2 contr. markers
AZ.024	Multiplex Oligo-Azoosp.gr/gr kit 3	Agarose Gel Electrophoresis kit	50	CE/IVD	13 STS + 2 contr. markers (AZFc partial deletion included)
AZ.020FL	Multiplex Oligo-Azoosp.kit-FL	Capillary Electrophoresis kit	50	CE/IVD	6 STS + 2 contr. markers (for Applied Biosystems genetic analysers)
AZ.024FL	Multiplex Oligo-Azoosp. gr/gr kit 3-FL	Capillary Electrophoresis kit	50	CE/IVD	13 STS + 3 contr. markers (AZFc partial deletion incl.) (for Applied Biosystems genetic analysers)
AZ.022 FL	AZF deletion Kit-FL	Capillary Electrophoresis kit	50	CE/IVD	8 STS + 1 contr. marker (extension AZFa and AZFb deletion) (for Applied Biosystems genetic analysers)

HLA-G

Code	Kit name	Technical specifications	# Tests	Label	Info
HG.02RQ	HLA-G kit 2-RQ	Real time PCR Kit	40	CE/IVD	ins/del 14bp -725C>G/T

FSHR

Code	Kit name	Technical specifications	# Tests	Label	Info
FS.01RQ	<i>FSHR</i> gene variants kit-RQ	Real time PCR Kit	40	CE/IVD	c.919G>A c.2039G>A

HUNTINGTON DISEASE

Code	Kit name	Technical specifications	# Tests	Label	Info
HD.01FL	Huntington Disease kit 1-FL	Capillary Electrophoresis kit	40	CE/IVD	(for Applied Biosystems genetic analysers)

MYOTONIC DYSTROPHY

Code	Kit name	Technical specifications	# Tests	Label	Info
DM.04FL	Myotonic Dystrophy type 1 GC Kit - FL	Capillary Electroph.	40	CE/IVD	(for Applied Biosystems genetic analysers)
DM.02FL	Myotonic Dystrophy type 1 SB Kit - FL	Capillary Electroph. + South. blot	40	CE/IVD	(for Applied Biosystems genetic analysers)
DM.03FL	Myotonic Dystrophy type 2 SB Kit - FL	Capillary Electroph. + South. blot	40	CE/IVD	(for Applied Biosystems genetic analysers)

GILBERT'S SYNDROME

Code	Kit name	Technical specifications	# Tests	Label	Info
GS.01FL	Gilbert Syndrome Kit-FL	Capillary Electrophoresis Kit	40	CE/IVD	(for Applied Biosystems and Beckman Coult. genetic analysers)

CELIAC DISEASE

Code	Kit name	Technical specifications	# Tests	Label	Info
CE.01RQ	Celiac disease TQ kit-RQ	Real Time PCR Kit Taqman assay	50	CE/IVD	DQ2, DQ8, DR alleles + risk stratification
CE.02RQ	Celiac disease kit 2 - RQ	Real Time PCR Kit SYBR Green	50	CE/IVD	DQ2, DQ8, DR alleles
CE.03RQ	Celiac disease risk kit 3 -RQ	Real Time PCR Kit SYBR Green	25	CE/IVD	DQB1*02 allele homozygosity
K.CRT-RQ	ELIGENE Coeliac RT	Real Time PCR Kit Taqman assay	50	CE/IVD	DQ2, DQ8, DR4 alleles

LACTOSE INTOLERANCE

Code	Kit name	Technical specifications	# Tests	Label	Info
LC.01RQ	LCT mutation Kit 1- RQ	Real Time PCR Kit	40	CE/IVD	-13910C>T
LC.02RQ	LCT mutation Kit 2- RQ	Real Time PCR Kit	40	CE/IVD	-22018G>A

FRAGILE X SYNDROME

Code	Kit name	Technical specifications	# Tests	Label	Info
FR.01FL	FraxA 1 Kit-FL	Capillary Electrophoresis kit	40	CE/IVD	Normal and Premutated alleles (for Applied Biosystems and Beck. Coulter. genetic analysers)
FX9202	LabGscan TM FraxA PCR Kit	Capillary Electrophoresis kit	25	CE/IVD	Normal, Premutated and Full mutated alleles (for Applied Biosystems genetic analyser)
FR.02FL	FraxE 1 Kit - FL	Capillary Electrophoresis kit	40	RUO	Normal and Premutated alleles (for Applied Biosystems genetic analyser)
FR.01	FraxA 1 Kit	Agarose Gel Electrophoresis kit	40	CE/IVD	Normal and Premutated alleles