



*Reliability in
genetics*

Catalogue of products

Kits for clinical genetic testing



Global sales

Since 1998, we have developed the highest quality products to provide pioneering solutions for the medical doctors worldwide.



EUROPE



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ISO 9001

Imegen is certified for the design, development, manufacturing and commercialisation of kits for genetic testing.



ISO 13485

Imegen is certified for the design, development, manufacturing and commercialisation of medical devices for in vitro diagnosis.



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CARDIOLOGY KITS

NEXT-GENERATION SEQUENCING

Reference	Kit name	Description	RXNS
IMG-192	Imegen-Marfan NGS	Molecular genetic analysis of the <i>FBN1</i> , <i>TGFBR1</i> and <i>TGFBR2</i> genes	6
IMG-261	Imegen-Hypertrophic cardiomyopathy NGS	Molecular genetic analysis of the <i>ACTC1</i> , <i>MYBPC3</i> , <i>MYH6</i> , <i>MYH7</i> , <i>MYL2</i> , <i>MYL3</i> , <i>TCAP</i> , <i>TNNC1</i> , <i>TNNI3</i> , <i>TNNT2</i> and <i>TPM1</i> genes	6
	Imegen-Sample tracking A, B, C, D	Plasmids for sample tracking during NGS sequencing genetic analysis	12 x 65 µL



CHIMERISM MONITORING KITS

Molecular chimerism analysis, after allogeneic stem cell transplantation, has become a well-established method to monitor the transplant evolution and assess the risk of relapse.

Imegen-Quimera is a family of kits developed to identify and monitor the presence of informative polymorphisms for an early relapse detection. The screening of polymorphisms is performed by real-time PCR, while the quantification of chimerism can be studied by real-time or digital PCR. The screening is a genotyping assay set up to identify an informative marker, that in haematopoietic stem cell transplantsations is present in the patient's pre-transplantation sample and absent in the donor. The quantification of molecular chimerism helps medical doctors control the evolution of the transplanted patient assessing the risk of relapse and digital PCR has shown to be the most sensitive, precise and accurate technique, enabling earlier therapeutic action.

REAL-TIME PCR Screening and follow-up by real-time PCR

Imegen-Quimera Screening Multiplex I and **Imegen-Quimera Screening Multiplex II** allow the detection of an informative marker by real-time PCR, to perform the follow-up of the patient after the stem cell transplantation by real-time PCR. More than 30 different kits are available to quantify the selected informative marker by real-time PCR.

Reference	Kit name	Description	RXNS
IMG-116-24	Imegen-Quimera Screening Multiplex I	Screening of informative markers by real-time Multiplex PCR [CE-IVD]	10 x 8
IMG-116-74	Imegen-Quimera Screening Multiplex II	Screening of informative markers by real-time Multiplex PCR [CE-IVD]	10 x 8
	Imegen-Quimera qPCR kits	More than 30 references for the quantification of different polymorphisms in haematopoietic chimerism [CE-IVD]	25 x 2

DIGITAL PCR Screening by real-time and follow up by digital PCR

Imegen-Quimera Screening Multiplex Plus I and **Imegen-Quimera Screening Multiplex Plus II** allow the detection of an informative marker by real-time PCR, to perform the follow-up of the patient after the stem cell transplantation by digital PCR. More than 30 different kits are available to quantify the selected informative marker by digital PCR.

Reference	Kit name	Description	RXNS
IMG-116-25	Imegen-Quimera Screening Multiplex Plus II	Screening of informative markers by real-time Multiplex PCR for the digital PCR chimerism kits [CE-IVD]	10 x 8
IMG-116-26	Imegen-Quimera Screening Multiplex Plus	Screening of informative markers by real-time Multiplex PCR for the digital PCR chimerism kits [CE-IVD]	10 x 8
	Imegen-Quimera dPCR kits	More than 30 references for the quantification of different polymorphisms in haematopoietic chimerism [CE-IVD]	12

DIGESTIVE KITS

NEXT-GENERATION SEQUENCING

Reference	Kit name	Description	RXNS
IMG-227	Imegen-Pancreatitis NGS	Molecular genetic analysis of the <i>CFTR</i> , <i>PRSS1</i> , <i>SPINK1</i> , <i>CTRC</i> and <i>CASR</i> genes	6
IMG-312	Colorectal OncoKitDx	Detection of molecular pharmacogenetic targets for colorectal cancer [CE-IVD]	12
	Imegen-Sample tracking A, B, C, D	Plasmids for sample tracking during NGS sequencing genetic analysis	12 x 65 µL

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-132	Imegen-MSH2	Molecular genetic analysis of the <i>MSH2</i> gene [CE-IVD]	6
IMG-133	Imegen-MLH1	Molecular genetic analysis of the <i>MLH1</i> gene [CE-IVD]	6
IMG-134	Imegen-MSH6	Molecular genetic analysis of the <i>MSH6</i> gene [CE-IVD]	6

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-211	Imegen-Alfa-1-AT	Genotyping of p.Glu342Lys [PI-Z allele] and p.Glu246Val [PI-S allele] polymorphisms of the <i>SERPINA1</i> gene [CE-IVD]	48 x 2
IMG-213	Imegen-IL28B	Genotyping of rs12979860 polymorphisms of the <i>IL28B</i> gene [CE-IVD]	48
IMG-307	Imegen-Coeliac	Detection of the <i>HLA-DQA1*05</i> , <i>HLA-DQA1*03</i> and <i>HLA-DQB1*03:02</i> alleles and allelic discrimination between <i>HLA-DQB1*02</i> and other <i>HLA-DQB1</i> alleles [CE-IVD]	48 x 3

FRAGMENT ANALYSIS [PCR]

Reference	Kit name	Description	RXNS
IMG-288	Imegen-Gilbert Plus	Detection of the A[TA]7TAA, A[TA]5TAA and A[TA]8TAA mutant alleles and the wild type allele in the <i>UGT1A1</i> gene promoter [CE-IVD]	48

HAEMATOLOGY KITS

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-156	Imegen-HBB	Molecular genetic analysis of the <i>HBB</i> gene [CE-IVD]	24

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-108	Imegen-BCR-ABL	Detection of the rearrangement <i>BCR-ABL</i> t[9;22](q34;q11) [CE-IVD]	48 x 2
IMG-109	Imegen-Inv16	Detection of the rearrangement <i>CBFB-MYH11</i> inv[16](p13;q22)	48 x 2
IMG-111	Imegen-PML-RARA	Quantification of the rearrangement <i>PML-RARA</i> t[15;17](q22;q21)	48 x 2
IMG-121	Imegen-M-BCR-ABL	Quantification of the rearrangement M-bcr: M-BCR-ABL p210 [CE-IVD]	48 x 2
IMG-122	Imegen-m-BCR-ABL	Quantification of the rearrangement m-bcr: m-BCR-ABL p190 [CE-IVD]	48 x 2
IMG-130	Imegen-PML-RARA Screening	Detection of the rearrangement PML-RARA t[15;17](q22;q21) [CE-IVD]	48
IMG-199	Imegen-Cambridge II	Genotyping of the p.[Ala368Ser] mutation in <i>SERPINC1</i> [antithrombin] gene	48
IMG-212	Imegen-MTHFR	Genotyping of the c.677C>T mutation in the <i>MTHFR</i> gene [CE-IVD]	48
IMG-214	Imegen-Factor II	Genotyping of the c.20110G>A mutation in the <i>F2</i> [prothrombin] gene [CE-IVD]	48
IMG-215	Imegen-Factor XII	Genotyping of the c.46C>T mutation in the <i>F12</i> gene [CE-IVD]	48
IMG-216	Imegen-MTHFRII	Genotyping of the c.1298A>C mutation in the <i>MTHFR</i> gene [CE-IVD]	48
IMG-217	Imegen-Factor V	Genotyping of the p.Arg506Gln mutation in the <i>F5</i> gene [Leiden] [CE-IVD]	48
IMG-218	Imegen-HFE	Genotyping of the p.Cys282Tyr, p.His63Asp and p.Ser65Cys mutations in the <i>HFE</i> gene [CE-IVD]	48 x 3
IMG-235	Imegen-NPM1	Detection of the A, B and D-type mutations in the <i>NPM1</i> gene [CE-IVD]	24
IMG-236	Imegen-MPL	Detection of the W515L and W515K mutations in the <i>MPL</i> gene [CE-IVD]	24 x 2



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HAEMATOLOGY KITS

DIGITAL PCR

Reference	Kit name	Description	RXNS
IMG-331	Imegen-Factor II dPCR	Genotyping of the c.*97G>A [20210G>A] mutation in <i>F2</i> [Prothrombin]	48
IMG-332	Imegen-Factor V dPCR	Genotyping of the c.1601G>A; p.Arg534Gln [R506Q] mutation in <i>F5</i> [Leiden]	48

FRAGMENT ANALYSIS [PCR & TP-PCR]

Reference	Kit name	Description	RXNS
IMG-237	Imegen-CALR	Detection of INDEL mutations in the <i>CALR</i> gene [CE-IVD]	33
IMG-238	Imegen-FLT3	Detection of ITD mutations in the <i>FLT3</i> gene [CE-IVD]	33



IMMUNOLOGY KITS

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-289	Imegen HLA-B27	Detection of the <i>HLA-B27</i> allele [CE-IVD]	48
IMG-306	Imegen HLA-B57:01	Detection of the <i>HLA-B*57:01</i> allele [CE-IVD]	48
IMG-307	Imegen-Coeliac	Detection of the <i>HLA-DQA1*05</i> , <i>HLA-DQA1*03</i> and <i>HLA-DQB1*03:02</i> alleles and allelic discrimination between <i>HLA-DQB1*02</i> and other <i>HLA-DQB1</i> alleles [CE-IVD]	48 x 3



NEUROLOGY KITS

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-150	Imegen-SCN1A	Molecular genetic analysis of the SCN1A gene [CE-IVD]	6

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-220	Imegen-APOE	Genotyping of the p.Cys112Arg and p.Arg158Cys polymorphisms in the APOE gene [CE-IVD]	48 x 2

FRAGMENT ANALYSIS [PCR & TP-PCR]

Reference	Kit name	Description	RXNS
IMG-152	Imegen-SCAs	Detection of repeat expansions in the SCA1, SCA2, SCA3, SCA6, SCA7, SCA12, SCA17 and DRPLA genes [CE-IVD]	12 x 8
IMG-173	Imegen-DM1	Detection of the CTG repeat expansion in the DMPK gene [CE-IVD]	12



ONCOLOGY KITS

NEXT-GENERATION SEQUENCING

Reference	Kit name	Description	RXNS
IMG-312	Colorectal OncoKitDx	Detection of molecular pharmacogenetic targets for colorectal cancer [CE-IVD]	12
IMG-313	BRCA Plus OncoKitDx	Molecular genetic analysis of the <i>BRCA1</i> and <i>BRCA2</i> genes and pharmacogenetics associated with breast and ovarian cancer [CE-IVD]	20
IMG-316	Hereditary OncoKitDx	Analysis of 50 genes associated with a predisposition to hereditary cancer [CE-IVD]	48
IMG-317	TP53 OncoKitDx	Molecular genetic analysis of the <i>TP53</i> gene [CE-IVD]	48
IMG-322	Action OncoKitDx	Analysis of genetic alterations in tumours associated with targeted therapies	26
	Imegen-Sample tracking A, B, C, D	Plasmids for sample tracking during NGS sequencing genetic analysis	12 x 65 µL

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-117-2	Imegen-BRCA1	Molecular genetic analysis of the <i>BRCA1</i> gene [CE-IVD]	12
IMG-118-2	Imegen-BRCA2	Molecular genetic analysis of the <i>BRCA2</i> gene [CE-IVD]	12
IMG-132	Imegen-MSH2	Molecular genetic analysis of the <i>MSH2</i> gene [CE-IVD]	6
IMG-133	Imegen-MLH1	Molecular genetic analysis of the <i>MLH1</i> gene [CE-IVD]	6
IMG-134	Imegen-MSH6	Molecular genetic analysis of the <i>MSH6</i> gene [CE-IVD]	6
IMG-148	Imegen-APC	Molecular genetic analysis of the <i>APC</i> gene [CE-IVD]	6
IMG-178	Imegen-NF1	Molecular genetic analysis of the <i>NF1</i> gene [CE-IVD]	6

ONCOLOGY KITS

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-108	Imegen-BCR-ABL	Detection of the rearrangement <i>BCR-ABL</i> t[9;22](q34;q11) [CE-IVD]	48 x 2
IMG-109	Imegen-Inv16	Detection of the rearrangement <i>CBFB-MYH11</i> inv[16](p13;q22)	48 x 2
IMG-111	Imegen-PML-RARA	Quantification of the rearrangement <i>PML-RARA</i> t[15;17](q22;q21)	48 x 2
IMG-121	Imegen-M-BCR-ABL	Quantification of the rearrangement M-bcr: <i>M-BCR-ABL</i> p210 [CE-IVD]	48 x 2
IMG-122	Imegen-m-BCR-ABL	Quantification of the rearrangement m-bcr: <i>m-BCR-ABL</i> p190 [CE-IVD]	48 x 2
IMG-130	Imegen-PML-RARA Screening	Detection of the rearrangement <i>PML-RARA</i> t[15;17](q22;q21) [CE-IVD]	48 x 2
IMG-235	Imegen-NPM1	Detection of the A, B and D-type mutations in the <i>NPM1</i> gene [CE-IVD]	24
IMG-236	Imegen-MPL	Detection of the W515L and W515K mutations in the <i>MPL</i> gene [CE-IVD]	24 x 2
IMG-310	QC-DNA-FFPE OncoKitDx	Analysis of the human genomic DNA quality extracted from paraffin-embedded tissues [CE-IVD]	36 x 2

[PCR & TP-PCR]

Reference	Kit name	Description	RXNS
IMG-237	Imegen-CALR	Detection of INDEL mutations in the <i>CALR</i> gene [CE-IVD]	33
IMG-238	Imegen-FLT3	Detection of ITD mutations in the <i>FLT3</i> gene [CE-IVD]	33
IMG-314	MSI OncoKitDx	Detection of microsatellite instability [CE-IVD]	24

PAEDIATRICS KITS

NEXT-GENERATION SEQUENCING

Reference	Kit name	Description	RXNS
IMG-190	Imegen-Noonan NGS	Molecular genetic analysis of the <i>PTPN11</i> , <i>RAF1</i> , <i>SOS1</i> , <i>KRAS</i> and <i>BRAF</i> genes	6
IMG-191	Imegen-Noonan-Like NGS	Molecular genetic analysis of the <i>PTPN11</i> , <i>RAF1</i> , <i>SOS1</i> , <i>KRAS</i> , <i>NRAS</i> , <i>SPRED1</i> , <i>HRAS</i> , <i>MAP2K1</i> , <i>BRAF</i> , <i>MAP2K2</i> , <i>CBL</i> , <i>SHOC2</i> and <i>RIT1</i> genes related to rasopathy	10
IMG-192	Imegen-Marfan NGS	Molecular genetic analysis of the <i>FBN1</i> , <i>TGFBR1</i> and <i>TGFBR2</i> genes	6
	Imegen-Sample tracking A, B, C, D	Plasmids for sample tracking during NGS sequencing genetic analysis	12 x 65 µL

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-135	Imegen-CFTR	Molecular genetic analysis of the <i>CFTR</i> gene [CE-IVD]	12
IMG-150	Imegen-SCN1A	Molecular genetic analysis of the <i>SCN1A</i> gene [CE-IVD]	6
IMG-178	Imegen-NF1	Molecular genetic analysis of the <i>NF1</i> gene [CE-IVD]	6

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-211	Imegen-Alfa-1-AT	Genotyping of p.Glu342Lys [PI-Z allele] and p.Glu246Val [PI-S allele] polymorphisms of the <i>SERPINA1</i> gene [CE-IVD]	48 x 2
IMG-307	Imegen-Coeliac	Detection of the <i>HLA-DQA1*05</i> , <i>HLA-DQA1*03</i> and <i>HLA-DQB1*03:02</i> alleles and allelic discrimination between <i>HLA-DQB1*02</i> and other <i>HLA-DQB1</i> alleles [CE-IVD]	48 x 3

FRAGMENT ANALYSIS [PCR]

Reference	Kit name	Description	RXNS
IMG-288	Imegen-Gilbert Plus	Detection of the A[TA]7TAA, A[TA]5TAA and A[TA]8TAA mutant alleles and the wild type allele in the <i>UGT1A1</i> gene promoter [CE-IVD]	48

REPRODUCTIVE GENETICS

NEXT-GENERATION SEQUENCING

Reference	Kit name	Description	RXNS
IMG-190	Imegen-Noonan NGS	Molecular genetic analysis of the <i>PTPN11</i> , <i>RAF1</i> , <i>SOS1</i> , <i>KRAS</i> and <i>BRAF</i> genes	6
IMG-191	Imegen-Noonan-Like NGS	Molecular genetic analysis of the <i>PTPN11</i> , <i>RAF1</i> , <i>SOS1</i> , <i>KRAS</i> , <i>NRAS</i> , <i>SPRED1</i> , <i>HRAS</i> , <i>MAP2K1</i> , <i>BRAF</i> , <i>MAP2K2</i> , <i>CBL</i> , <i>SHOC2</i> and <i>RIT1</i> genes related to rasopathy	10
IMG-313	BRCA Plus OncoKitDx	Molecular genetic analysis of the <i>BRCA1</i> and <i>BRCA2</i> genes and pharmacogenetics associated with breast and ovarian cancer [CE-IVD]	20
	Imegen-Sample tracking A, B, C, D	Plasmids for sample tracking during NGS sequencing genetic analysis	12 x 65 µL

SANGER SEQUENCING

Reference	Kit name	Description	RXNS
IMG-117-2	Imegen-BRCA1	Molecular genetic analysis of the <i>BRCA1</i> gene [CE-IVD]	12
IMG-118-2	Imegen-BRCA2	Molecular genetic analysis of the <i>BRCA2</i> gene [CE-IVD]	12
IMG-135	Imegen-CFTR	Molecular genetic analysis of the <i>CFTR</i> gene [CE-IVD]	12

REAL-TIME PCR

Reference	Kit name	Description	RXNS
IMG-212	Imegen-MTHFR	Genotyping of the c.677C>T mutation in the <i>MTHFR</i> gene [CE-IVD]	48
IMG-214	Imegen-Factor II	Genotyping of the c.20110G>A mutation in the <i>F2</i> [prothrombin] gene [CE-IVD]	48
IMG-215	Imegen-Factor XII	Genotyping of the c.46C>T mutation in the <i>F12</i> gene [CE-IVD]	48
IMG-216	Imegen-MTHFRII	Genotyping of the c.1298A>C mutation in the <i>MTHFR</i> gene [CE-IVD]	48
IMG-217	Imegen-Factor V	Genotyping of the p.Arg506Gln mutation in the <i>F5</i> gene [Leiden] [CE-IVD]	48

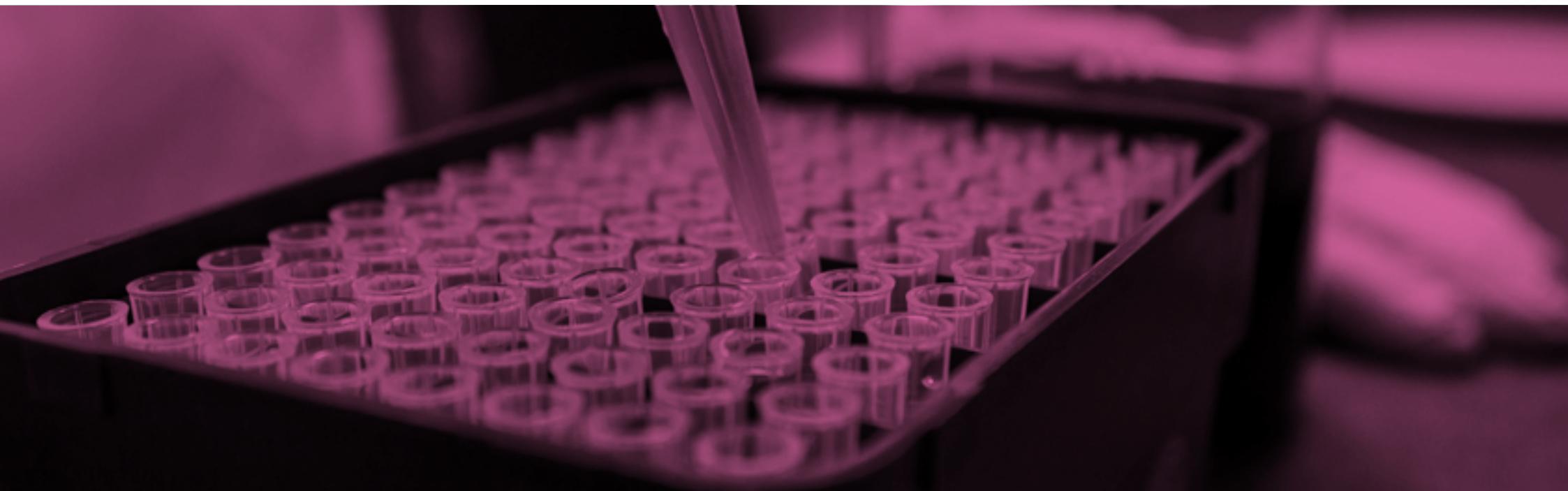
REPRODUCTIVE GENETICS

DIGITAL PCR

Reference	Kit name	Description	RXNS
IMG-331	Imegen-Factor II dPCR	Genotyping of the c.*97G>A [20210G>A] mutation in <i>F2</i> [Prothrombin]	48
IMG-332	Imegen-Factor V dPCR	Genotyping of the c.1601G>A; p.Arg534Gln [R506Q] mutation in <i>F5</i> [Leiden]	48

FRAGMENT ANALYSIS [PCR]

Reference	Kit name	Description	RXNS
IMG-153	Imegen-SBMA	Detection of the CAG repeat expansion in the <i>AR</i> gene	12





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