WHOLE EXOME SEQUENCING (WES) AND WHOLE GENOME EXOME SEQUENCING (WGS)

Category	Test	Number of Genes	Genes	Comment	Test Specification	Price in €
Whole Exome Sequencing (WES)	WHOLE EXOME SEQUENCING (PANEL 1: PATIENT ONLY)	+/- 23.000	WHOLE EXOME SEQUENCING		WES of patient only	790
Whole Exome Sequencing (WES)	WHOLE EXOME SEQUENCING (PANEL 2: TRIO OF PATIENT and 2 PARENTS)	+/- 23.000	WHOLE EXOME SEQUENCING		WES trio analysis of patient and 2 parents to detect de novo variants	1890
Whole Exome Sequencing (WES)	WHOLE EXOME SEQUENCING (PANEL 3: 2 SIBLINGS and 2 PARENTS)	+/- 23.000	WHOLE EXOME SEQUENCING		WES of 2 sibs and 2 parents to detect autosomal recessive variants	2300
Whole Exome Sequencing (WES)	WHOLE EXOME SEQUENCING (PANEL 4: 3 AFFECTED FAMILY MEMBERS)	+/- 23.000	WHOLE EXOME SEQUENCING		WES of 3 affected family members to detect autosomal dominant variants	1890
Whole Exome Sequencing (WES)	PRENATAL WHOLE EXOME SEQUENCING (PANEL 5: PATIENT ONLY)	+/- 23.000	WHOLE EXOME SEQUENCING		PRENATAL WES of fetus only	1100
Whole Exome Sequencing (WES)	PRENATAL WHOLE EXOME SEQUENCING (PANEL 6: TRIO OF PATIENT and 2 PARENTS)	+/- 23.000	WHOLE EXOME SEQUENCING		PRENATAL WES trio analysis of patient and 2 parents to detect de novo variants	2300
Whole Genome Sequencing (WGS)	WHOLE GENOME SEQUENCING (PANEL 1: PATIENT ONLY)	+/- 23.000	WHOLE GENOME SEQUENCING (WGS) WITH GENOME-WIDE MICROARRAY TESTING WITH WHOLE MITOCHONDRIAL GENOME SEQUENCING		WGS of patient only	1890
Whole Genome Sequencing (WGS)	WHOLE GENOME SEQUENCING (PANEL 2: TRIO OF PATIENT and 2 PARENTS)	+/- 23.000	WHOLE GENOME SEQUENCING (WGS) WITH GENOME-WIDE MICROARRAY TESTING WITH WHOLE MITOCHONDRIAL GENOME SEQUENCING		WGS trio analysis of patient and 2 parents	4500