

### Molecular Endocrinology

Disorder	Gene/Exon	Quantity/Material	Frequency Test duration	Method
Maturity Onset Diabetes of the Young (MODY) Type 1 <sup>+</sup>	<i>HNF4a</i> (CDS complete + MLPA)	5 ml EDTA blood	as needed 4-6 weeks	NGS MLPA
Maturity Onset Diabetes of the Young (MODY) Type 2 <sup>+</sup>	<i>GCK</i> (CDS complete + MLPA)	5 ml EDTA blood	as needed 4-6 weeks	NGS MLPA
Maturity Onset Diabetes of the Young (MODY) Type 3 <sup>+</sup>	<i>HNF1a</i> (CDS complete + MLPA)	5 ml EDTA blood	as needed 4-6 weeks	NGS MLPA
Maturity Onset Diabetes of the Young (MODY) Type 5 <sup>+</sup>	<i>HNF1b</i> (CDS complete + MLPA)	5 ml EDTA blood	as needed 4-6 weeks	NGS MLPA
Multiple Endocrine Neoplasia Type 1 (MEN1) <sup>+</sup>	<i>MEN1</i> (CDS complete)	5 ml EDTA blood	as needed 4-6 weeks	NGS
Multiple Endocrine Neoplasia Type 2 / Familial Medullary Thyroid Carcinoma (MEN2 / FMTC) <sup>+</sup>	<i>RET</i> (Exon 5, 8, 10, 11, 13, 14, 15, 16)	5 ml EDTA blood	as needed 4-6 weeks	NGS

**Note:**

According to the Genetic Diagnostics Act, every examination request for human genetic diagnostics must be accompanied by a declaration of consent from the patient or his legal representative.

Forms for this as well as request forms for the analyses are available in the download area of our homepage.