

# CERTIFICATE

Survey of 08 November 2024

You have fulfilled the requirements of the External Quality Assessment with the following analysis

Molecular Genetics 38 - Lactase-gene -13910T>C (MCMG Gen, IVS13 C-T, rs9988235, hgVS: C.1917+326 C>T) (770):

Validity 12 months:

Laktase-Gene (LCT) (-13910 C>T; HGVS: c.1917+326C>T) (R: B5)  
interpretation of results

(R) analysis is subject to the RiliBÄK

Customer:  
10074873  
Clinomics Europe Kft.  
Molekuláris Genetikai Laboratórium  
Dr. Orsolya Bíró  
Miháلكovics u. 10.  
1094 Budapest

Düsseldorf, 28 November 2024



Prof. Dr. med. Michael Spannagl  
(Head of Reference Institution)



Dr. rer. nat. Morten O. Christensen  
(Adviser)

# CERTIFICATE OF PARTICIPATION

Survey of 08 November 2024

You have participated in the External Quality Assessment with the following analysis

Molecular Genetics 38 - Lactase-gene -13910T>C (MCMG Gen, IVS13 C-T, rs9988235, hgVS: C.1917+326 C>T) (770):

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(Adviser)



## Listing and evaluation of the results

10074873: Clinomics Europe Kft.  
Molekuláris Genetikai Laboratórium  
Dr. Orsolya Bíró

### Survey of 08 November 2024

Adviser:

Dr. rer. nat. Morten O. Christensen  
Gerinnungszentrum Rhein-Ruhr  
Königstraße 13  
47051 Duisburg

Tel.: +49 203 348 336 24  
Mail: morten.christensen@gzrr.de

770

### Molecular Genetics 38 - Lactase-gene -13910T>C (MCMG Gen, IVS13 C-T, rs9988235, hgVS: C.1917+326 C>T)

Analyte	Sam- ple	Method	Manu- facturer	Device	Your specification(s)	Correct specification(s)	TV- Type	Meets criteria
Laktase-Gene (LCT) (-13910 C>T; HGVS: c.1917+326C>T)	61	272	VL		homozygous (LCT -13910 C/; HGVS: homozygous c.1917+326=)	homozygous (LCT -13910 C/; HGVS: homozygous c.1917+326=)	M	+
	62				heterozygous (LCT -13910 C/T; HGVS: heterozygous c.1917+326C>T)	heterozygous (LCT -13910 C/T; HGVS: heterozygous c.1917+326C>T)	M	+
interpretation of results	61				linked to primary lactose intolerance	linked to primary lactose intolerance	M	+
	62				no evidence of primary lactose intolerance	no evidence of primary lactose intolerance	M	+

Additional information on the evaluation is available for download in the RV-Online system in the column "Report".



## Individual summary of results

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### Molecular Genetics 38 - Lactase-gene -13910T>C (MCMG Gen, IVS13 C-T, rs9988235, hgVS: C.1917+326 C>T)

Laktase-Gene (LCT) (-13910 C>T; HGVS: c.1917+326C>T) (N = 46, Rate of success: 95,7%)

Sample 61

Collective	negative (LCT -13910 T/T; HGVS: homozygous c.1917+326C>T)	heterozygous (LCT -13910 C/T; HGVS: heterozygous c.1917+326C>T)	homozygous (LCT -13910 C/C; HGVS: homozygous c.1917+326=)	total
all methods	1	1	44 ●	46

Sample 62

Collective	heterozygous (LCT -13910 C/T; HGVS: heterozygous c.1917+326C>T)	total
all methods	46 ●	46

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

interpretation of results (N = 44, Rate of success: 88,6%)

Sample 61

Collective	no evidence of primary lactose intolerance	linked to primary lactose intolerance	total
all methods	2	42 ●	44

Sample 62

Collective	no evidence of primary lactose intolerance	linked to primary lactose intolerance	total
all methods	40 ●	2	42

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective