



Certificate

External Quality Assessment November - 2017 (15.11.2017)

valid for 12 months

INSTAND e.V.

Gesellschaft zur Förderung
der Qualitätssicherung in
medizinischen Laboratorien e. V.
Ubier - Str. 20 / PF 250211
40223 / 40093 Düsseldorf
Tel. / FAX (0211) 159213-0 / -30

Durch die DAkKS akkreditiert
nach DIN EN ISO / IEC 17043,
die Akkreditierung gilt nur für den in
der Urkundenanlage D-EP-15027-02
festgelegten Umfang.

This is to certify that the below-mentioned participant has fulfilled the requirements for the following analytes/parameters:

MOLECULAR GENETICS SET 09 (778):

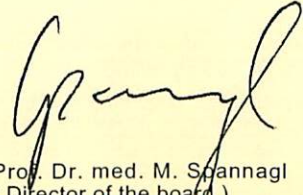
CFTR gene (N 1303 K) (R ***)	CFTR gene (G 542 X) (R ***)	CFTR gene (delta F 508) (R ***)	CFTR gene (R 553 X) (R ***)
CFTR gene (dele2,3 (21kb)) (R ***)		CFTR gene (G 551 D) (R ***)	CFTR gene (1717-1 G>A) (R ***)
CFTR gene (3849+10kb C>T) (R ***)		CFTR gene (R 347 P) (R ***)	CFTR gene (2789+5 G>A) (R ***)
CFTR gene (2413 del T) (R ***)	CFTR gene (3272-26 A>G) (R ***)	CFTR gene (R 117 H) (R ***)	CFTR gene (W 1282 X) (R ***)
CFTR gene (3659 del C) (R ***)	CFTR gene (1078 del T) (R ***)	CFTR gene (R 334 W) (R ***)	
CFTR gene (Y 1092 X (C>A)) (R ***)		CFTR gene (M 1101 K) (R ***)	CFTR gene (R 1162 X) (R ***)
CFTR gene (I 507 del) (R ***)	CFTR gene (394 del TT) (R ***)	CFTR gene (621+1 G>T) (R ***)	
CFTR gene (G 85 E) (R ***)	Intron 8 (Polypyrimidine Tract) (R ***)		

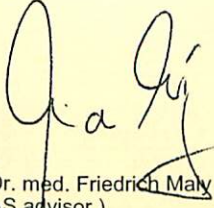
43733 E

CG Cytogenomics Medical Laboratory
CG Cytogenomics
Byzantioy 149
14233 Nea Ionia Athens
Griechenland



Düsseldorf, der 22.12.2017


Prof. Dr. med. M. Spannagl
(Director of the board)


Prof. Dr. med. Friedrich Maly
(EQAS advisor)

(R *) : RiliBÄK valid 6 months (R **) : RiliBÄK valid 12 month
(R ***) : RiliBÄK valid 24 months

43733 CG Cytogenomics Medical Laboratory CG Cytogenomics

22.12.2017

Molecular genetics Set 09 (778) (Prof. Dr. med. Friedrich Maly)	sample	your result	target	range	dev. (%)
CFTR gene (delta F 508) Meth.0-9999	61	1	1, Wild Type		+
	62	1	1, Wild Type		
	63	2	2, F508 Het		
CFTR gene (N 1303 K) Meth.0-9999	61	1	1, NN 1303 =wt		+
	62	1	1, NN 1303 =wt		
	63	1	1, NN 1303 =wt		
CFTR gene (G 542 X) Meth.0-9999	61	2	2, G 542 X		+
	62	1	1, GG 542 = wt		
	63	1	1, GG 542 = wt		
CFTR gene (G 551 D) Meth.0-9999	61	1	1, GG 551 = wt		+
	62	1	1, GG 551 = wt		
	63	1	1, GG 551 = wt		
CFTR gene (R 553 X) Meth.0-9999	61	1	1, RR 553 = wt		+
	62	1	1, RR 553 = wt		
	63	1	1, RR 553 = wt		
CFTR gene (dele2,3 (21kb)) Meth.0-9999	61	1	1, No del =wt		+
	62	1	1, No del =wt		
	63	1	1, No del =wt		
CFTR gene (R 347 P) Meth.0-9999	61	1	1, RR 347 = wt		+
	62	1	1, RR 347 = wt		
	63	1	1, RR 347 = wt		
CFTR gene (1717-1 G>A) Meth.0-9999	61	1	1, GG = wt		+
	62	1	1, GG = wt		
	63	1	1, GG = wt		
CFTR gene (3849+10kb C>T) Meth.0-9999	61	1	1, CC = wt		+
	62	1	1, CC = wt		
	63	1	1, CC = wt		
CFTR gene (R 117 H) Meth.0-9999	61	1	1, RR 117 = wt		+
	62	1	1, RR 117 = wt		
	63	2	2, R 117 H		
CFTR gene (2789+5 G>A) Meth.0-9999	61	1	1, GG = wt		+
	62	1	1, GG = wt		
	63	1	1, GG = wt		
CFTR gene (2413 del T) Meth.0-9999	61	1	1, No del / No del =wt		+
	62	1	1, No del / No del =wt		
	63	1	1, No del / No del =wt		
CFTR gene (3272-26 A>G) Meth.0-9999	61	1	1, AA = wt		+
	62	1	1, AA = wt		
	63	1	1, AA = wt		
CFTR gene (W 1282 X) Meth.0-9999	61	1	1, WW 1282 = wt		+
	62	1	1, WW 1282 = wt		
	63	1	1, WW 1282 = wt		
CFTR gene (3659 del C) Meth.0-9999	61	1	1, No del / No del =wt		+
	62	1	1, No del / No del =wt		
	63	1	1, No del / No del =wt		
CFTR gene (1078 del T) Meth.0-9999	61	1	1, No del / No del =wt		+
	62	1	1, No del / No del =wt		
	63	1	1, No del / No del =wt		
CFTR gene (R 334 W) Meth.0-9999	61	1	1, RR 334 = wt		+
	62	1	1, RR 334 = wt		
	63	1	1, RR 334 = wt		
CFTR gene (Y 1092 X (C>A)) Meth.0-9999	61	1	1, YY 1092 = wt		+
	62	1	1, YY 1092 = wt		
	63	1	1, YY 1092 = wt		
CFTR gene (M 1101 K) Meth.0-9999	61	1	1, MM 1101 = wt		+
	62	1	1, MM 1101 = wt		
	63	1	1, MM 1101 = wt		
CFTR gene (R 1162 X) Meth.0-9999	61	1	1, RR 1162 = wt		+
	62	1	1, RR 1162 = wt		
	63	1	1, RR 1162 = wt		
CFTR gene (I 507 del) Meth.0-9999	61	1	1, No del / No del =wt		+
	62	1	1, No del / No del =wt		
	63	1	1, No del / No del =wt		
CFTR gene (394 del TT) Meth.0-9999	61	1	1, No del / No del =wt		+
	62	1	1, No del / No del =wt		
	63	1	1, No del / No del =wt		

	sample	your result	target	range	dev. (%)
CFTR gene (621+1 G>T) Meth.0-9999	61	1	1, GG = wt		+
	62	1	1, GG = wt		
	63	1	1, GG = wt		
CFTR gene (G 85 E) Meth.0-9999	61	1	1, GG 85 = wt		+
	62	1	1, GG 85 = wt		
	63	1	1, GG 85 = wt		
Intron 8 (Polypyrimidine Tract) Meth.0-9999	61	2	2, 9T / 7T		+
	62	4	4, 7T / 7T		
	63	3	3, 9T / 5T		

** BRAVO **

 For additional available information see web-site: www.instand-ev.de EQAS

responsible expert:

 Prof. Dr. med. Friedrich Maly, Am Bärenkamp 22 40589 Düsseldorf
 Tel.: +49 211 602 1711 Fax: +49 211 602 1713 Email: maly@instand-ev.de