

# CERTIFICATE

Survey of 27 October 2023

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

## Preeclampsia Marker (625):

Validity 12 months:

PLGF (placental growth factor)

sFLT-1 (soluble fms-like tyrosine kinase-1)

(R) analysis is subject to the RiliBÄK

### Customer:

10071078

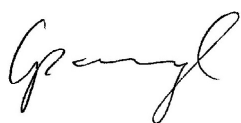
OKB MNUL, Ing. Adela Jizerova

Sociální péče 3316/12A

40113 Ústí nad Labem



Düsseldorf, 13 November 2023



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



Prof. Dr. med. Peter B. Luppa  
(Adviser)

# CERTIFICATE OF PARTICIPATION

Survey of 27 October 2023

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

## Preeclampsia Marker (625):

PLGF (placental growth factor)

sFLT-1 (soluble fms-like tyrosine kinase-1)

(R) analysis is subject to the RiliBÄK

### Customer:

10071078

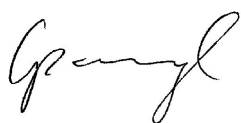
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Prof. Dr. med. Peter B. Lupp  
(Adviser)

**IN STAND**

Gesellschaft zur Förderung der Qualitätssicherung  
in medizinischen Laboratorien e.V.  
Udierstr. 20 | 40223 Düsseldorf

## Listing and evaluation of the results

10071078: OKB MNUL, Ing. Adela Jizerova

Survey of 27 October 2023

Adviser:

**Prof. Dr. med. Peter B. Lupp**

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625

### Preeclampsia Marker

Analyte	Sam- ple	Unit	Your value	Target value	TV- Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
PlGF (placental growth factor)	61	pg/ml	100	100	SV	85.0	115	0.2%	0,018	+	
	62		1303	1239	SV	1053	1425	5.2%	0,729	+	
sFLT-1 (soluble fms-like tyrosine kinase-1)	61	pg/ml	11421	9043	SV	5878	12208	26.3%	1,34	+	
	62		1828	1642	SV	1067	2217	11.3%	1,22	+	

Analyte	Sam- ple	Your unit	Stated value	Conversion factor	Method	Manu- facturer	Device
PlGF (placental growth factor)	61	ng/l	100	1.00		RO	RO56
	62		1303	1.00			
sFLT-1 (soluble fms-like tyrosine kinase-1)	61	ng/l	11421	1.00		RO	RO56
	62		1828	1.00			

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

## Individual summary of results

10071078: OKB MNUL, Ing. Adela Jizerova

Survey of 27 October 2023

625

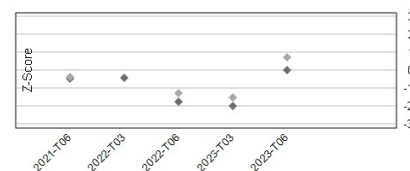
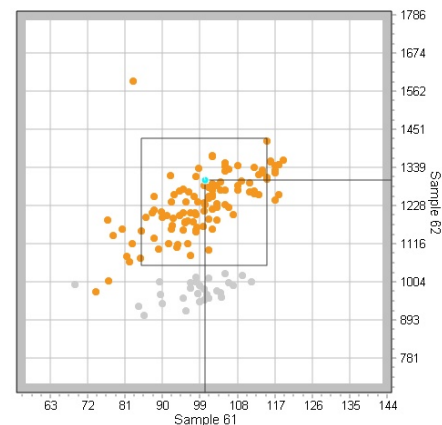
### Preeclampsia Marker

#### PLGF (placental growth factor) (pg/ml, N = 144)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
Roche	61	100	85.0 - 115	100	11.0	111	82.0	82.0	
	62	1239	1053 - 1425	1239	7.09	111	97.3		
Brahms Kryptor	61	98.5	83.7 - 113	98.5	7.45	28	96.4	96.4	
	62	979	832 - 1126	979	3.39	28	100		
other provider (1)	61		Sample not evaluated			5			
	62		Sample not evaluated			5			

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Rate of success: 84,9%



#### sFLT-1 (soluble fms-like tyrosine kinase-1) (pg/ml, N = 138)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
Roche	61	9043	5878 - 12208	9043	19.6	111	95.5	95.5	
	62	1642	1067 - 2217	1642	9.32	111	100		
Brahms Kryptor	61	3870	2516 - 5225	3870	22.6	23	100	100	
	62	691	449 - 933	691	10.1	23	100		
other provider (1)	61		Sample not evaluated			4			
	62		Sample not evaluated			4			

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Rate of success: 96,3%

