

# CERTIFICATE

Survey of 10 May 2024

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, 23 May 2024



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



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

# CERTIFICATE OF PARTICIPATION

Survey of 10 May 2024

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

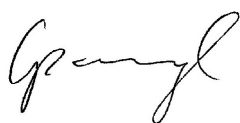
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Prof. Dr. med. Peter B. Luppa  
(Adviser)

**IN STAND**

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in medizinischen Laboratorien e.V.  
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## Listing and evaluation of the results

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Survey of 10 May 2024

Adviser:

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### 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)	31	pg/ml	123	120	SV	102	138	2.5%	0,308	+	
	32		1237	1227	SV	1043	1411	0.8%	0,131	+	
sFLT-1 (soluble fms-like tyrosine kinase-1)	31	pg/ml	8025	7626	SV	4957	10295	5.2%	0,316	+	
	32		1460	1460	SV	949	1971	0.0%	0	+	

Analyte	Sam- ple	Your unit	Stated value	Conversion factor	Method	Manu- facturer	Device
PlGF (placental growth factor)	31	ng/l	123	1.00		RO	RO56
	32		1237	1.00			
sFLT-1 (soluble fms-like tyrosine kinase-1)	31	ng/l	8025	1.00		RO	RO56
	32		1460	1.00			

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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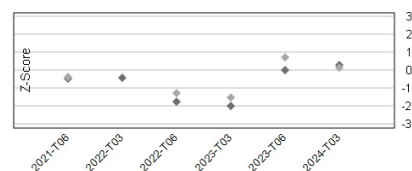
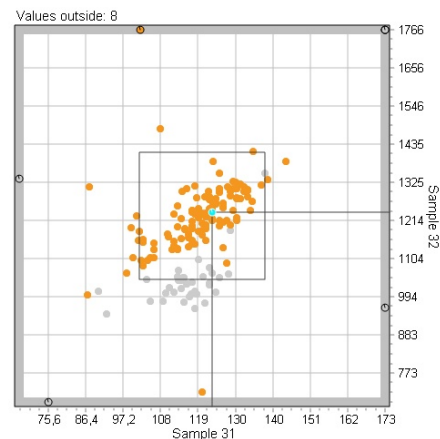
### Preeclampsia Marker

#### PLGF (placental growth factor) (pg/ml, N = 164)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
Roche	31	120	102 - 138	120	8.12	122	93.4	90.2	
	32	1227	1043 - 1411	1227	6.21	122	95.9		
Brahms Kryptor	31	117	99.5 - 135	117	5.94	35	91.4	88.6	
	32	1023	870 - 1176	1023	3.90	35	97.1		
Siemens Atellica (1)	31	375	319 - 431	375	5.60	3			
	32	2642	2246 - 3038	2642	7.83	3			
other provider (1)	31	165	140 - 190	165	116	4			
	32	1515	1288 - 1742	1515	67.9	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: 87,8%



#### sFLT-1 (soluble fms-like tyrosine kinase-1) (pg/ml, N = 154)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
Roche	31	7626	4957 - 10295	7626	16.5	121	92.6	91.7	
	32	1460	949 - 1971	1460	11.0	121	98.3		
Brahms Kryptor	31	3628	2358 - 4898	3628	13.8	28	96.4	92.9	
	32	656	426 - 886	656	12.2	28	96.4		
Siemens Atellica (1)	31	33679	21891 - 45467	33679	20.9	3			
	32	4130	2685 - 5576	4130	12.3	3			
other provider (1)	31	17410	11317 - 23504	17410	91.5	2			
	32	2743	1783 - 3703	2743	52.2	2			

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

Rate of success: 90,9%

