

# CERTIFICATE

Survey of 27 October 2023

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

## Fecal Diagnostics 01 - Calprotectin (130):

Validity 12 months:

Calprotectin

(R) analysis is subject to the RiliBÄK

**Customer:**

**10071078**

**OKB MNUL, Ing. Adela Jizerova**

**Sociální péče 3316/12A**

**40113 Ústí nad Labem**



Düsseldorf, 08 November 2023



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



Prof. Dr. rer. nat. Dr. med. Jürgen Durner  
(Adviser)

# CERTIFICATE OF PARTICIPATION

Survey of 27 October 2023

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

## Fecal Diagnostics 01 - Calprotectin (130):

Calprotectin

(R) analysis is subject to the RiliBÄK

**Customer:**  
**10071078**  
OKB MNUL, Ing. Adela Jizerova  
Sociální péče 3316/12A  
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(Adviser)

## Listing and evaluation of the results

10071078: OKB MNUL, Ing. Adela Jizerova

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Adviser:

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### Fecal Diagnostics 01 - Calprotectin

Analyte	Sam- ple	Unit	Your value	Target value	TV- Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
Calprotectin	61	mg/kg	39.4	186	ET SV	102	<=50.0 270	42.7%	0,593 1,39	+ +	
	62		266								

Analyte	Sam- ple	Your unit	Stated value	Conversion factor	Method	Manu- facturer	Device	Lot number
Calprotectin	61		39.4	1.00	156	BK	ZY99	4327
	62		266	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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### Fecal Diagnostics 01 - Calprotectin

Calprotectin (mg/kg, N = 299)									
Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
R-BIOPHARM	61		- ≤50.0	32.7	58.1	10	80.0	80.0	
	62	158	86.9 - 229	158	28.7	10	90.0		
BÜHLMANN	61		- ≤50.0	33.7	28.5	56	91.1	85.7	
	62	186	102 - 270	186	30.6	56	91.1		
DIASORIN	61		- ≤50.0	18.4	19.2	104	98.1	92.3	
	62	99.4	54.7 - 144	99.4	18.5	104	92.3		
IMMUNDIAGNOSTIK	61		- ≤50.0	34.5	22.3	28	96.4	89.3	
	62	120	66.0 - 174	120	27.3	28	92.9		
THERMO / PHADIA	61		- ≤50.0	25.4	24.3	30	93.3	83.3	
	62	119	65.5 - 173	119	35.0	30	83.3		
ORGENTEC (1)	61		- ≤50.0	29.2	76.7	6			
	62	158	22.7 - 293	158	55.9	6			
EUROSPITAL	61		- ≤50.0	29.2	53.4	24	95.8	62.5	
	62	117	64.4 - 170	117	47.3	24	62.5		
SHEBO BIOTECH AG	61		- ≤50.0	41.5	8.77	9	100	100	
	62	87.4	48.1 - 127	87.4	20.3	9	100		
others	61		- ≤50.0	24.5	35.2	32	93.8	81.3	
	62	114	62.7 - 165	114	38.0	32	81.3		

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

Rate of success: 86,3%

