

Survey: CM3/24  
month: July 2024  
Participant-No: 9900540  
date of issue: 20.07.24



Referenzinstitut für Bioanalytik

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Bonn, 29. July 2024

## Certificate

We confirm that you have participated in the survey for cardiac markers in serum.

You have met the requirements of the survey for the following analytes:

CK-MBM	(3)	CK-MB Activity	(8)	Myoglobin	(3)
Troponin I	(3)	NT-proBNP	(6)		

This certificate is according to the current version of the RiliBÄK valid until the end of January 2025.

*W. Kohse, A. Kessler, M. Ende*

The number in parentheses characterizes the analytical method used.  
The assignment of the number to the respective method and/or the respective instrument is to be taken from the total evaluation.

https://www.rfb.bio/online/certificate-209559005408x\_id=C142414  
&version=0&uid=9663DA677BF5C11856AC1C1415A7A2E

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Listing and Evaluation of all your results

**Explanations**

**Certificate**

A certificate is issued (given) for an analyte only if the basis for an evaluation of the accuracy is given by the guidelines of the German Medical Association and/or if an evaluation is possible in analogy to these guidelines (see comments on the evaluation) and, if both results for an analyte are within the given acceptance limits. (marked as '+' below C)

**Certificate of participation**

In the participation certificate all analytes which are included in the list on this page are listed.  
 If all analytes are listed on the certificate no participation certificate is printed.

Legend:	C=Certification, M=No of method, R=your result, D=difference (R-T)	Certification: + = fulfilled ( quotient   D/Dmax   <= 1.0 ) - = not fulfilled (quotient   D/Dmax   > 1.0 ± = certification cancelled because of technical and/or analytical reasons
	Dmax= maximum allowable amount of difference in measurement, partly given by annex 1 of the guideline of the BÄK (Dt. Ärzteblatt 111, Heft 38, 19.9.2014).	
	T = target value, either reference method value or assigned value, LL   UL = lower resp. upper limit	

	C	M	R	D/Dmax	T	LL	UL								
CK-MBM [µg/l]	+	3	A	7.90	-0.03	7.98	4.78	11.2							
			B	60.9	-0.05	62.2	37.3	87.1							
CK-MB Activity [µkat/l]	+	8	A	0.090	-0.25	0.100	0.060	0.141							
			B	0.780	-0.11	0.817	0.490	1.15							
Myoglobin [µg/l]	+	3	A	72.0	-0.22	79.1	47.4	111							
			B	248	-0.29	280	168	392							
Troponin I [ng/l]	+	3	A	3.50	0.04	2.99	0	13.3							
			B	23.5	0.26	21.6	14.4	28.8							
NT-proBNP [ng/l]	+	6	A	181	-0.08	187	112	262							
			B	749	-0.01	752	451	1053							