

Survey: SD1/22  
month: January 2022  
Participant-No: 9900540  
date of issue: 29.01.22



Referenzinstitut für Bioanalytik

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Bonn, 23. February 2022

**Certificate**

We confirm that you have participated in the survey for pregnancy diagnostic in serum.

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

AFP	(4)		hCG	(4)		PAPP-A	(3)
beta-hCG free	(3)						

This certificate is according to the current version of the RiliBÄK valid until the end of July 2022.

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.

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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) 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	Certification: + = fulfilled ( quotient   D/Dmax   <= 1.0 ) - = not fulfilled ( quotient   D/Dmax   > 1.0 ) ± = certification cancelled because of technical and/or analytical reasons
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	C	M	R	D/Dmax	T	LL	UL												
AFP [µg/l]	+	4	A	18.1	-0.23	19.2	14.4	23.9											
			B	9.50	-0.25	10.1	7.69	12.7											
hCG [U/l]	+	4	A	72854	-0.06	74300	52000	96600											
			B	8500	0.41	7550	5280	9820											
PAPP-A [mU/ml]	+	3	A	0.027	-0.13	0.028	0.020	0.037											
			B	0.020	-0.08	0.020	0.014	0.026											
beta-hCG free [ng/ml]	+	3	A	31.3	0.17	29.7	20.7	38.7											
			B	28.7	0.15	27.4	19.1	35.7											