Survey: **KS8/13**
month: **November 2013**
Participant-No: **0004965**
date of issue: **09.11.13**

RfB
Referenzinstitut für Bioanalytik

Referenzinstitut für Bioanalytik

DAkkS
Deutsche Akkreditierungsstelle
D-EP-15117-01-00

diaglobal GmbH
Dr. Rainer Schlegel
Martina Schmidt
Köpenicker Str. 325
12555 Berlin

Ringversuchsleiter
Prof. Dr. C. Knabbe
Prof. Dr. Dr. K.P. Kohse
Prof. Dr. M. Neumaier

Leitung RfB
Dr. R. Kruse
Dr. W. J. Geilenkeuser

Bonn, 30. January 2014

Certificate

We confirm that you have participated in the survey for clinical chemical analytes in serum.

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

bilirubin, total	(2)	cholesterol	(1)	glucose	(3)
urea	(1)	creatinine	(1)	lactate	(2)
triglycerides	(2)	CK	(1)	AST	(1)
ALT	(1)				

This certificate is valid until the end of May 2014.

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.

http://www.dgkl-rfb.de/cgi/certificate?tn=0004965&rv_id=KS138&version=08&uuid=B4FDBC338D8040868938FFCAFE358E09B

Referenzinstitut für Bioanalytik - Friesdorfer Str. 153 - D-53175 Bonn
Tel. 0228 / 926895 - 0 - Fax 0228 / 926895-29 - Web: www.dgkl-rfb.de - E-Mail: info@dgkl-rfb.de

Survey: **KS8/13**
month: **November 2013**
Participant-No: **0004965**

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 annax 1 of the guideline of the BÄK (Dt. Ärzteblatt 105, Heft 7, 15.2.2008). 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

	C	M		R	D/Dmax	T	LL	UL
bilirubin, total	+	2	A	5.09	0.30	4.77	3.72	5.82
[mg/dl]			B	1.49	0.06	1.47	1.14	1.80
cholesterol	+	1	A	212	-0.14	216	187	245
[mg/dl]			B	177	0.21	172	149	195
glucose	+	3	A	156	-0.20	161	136	186
[mg/dl]			B	77.0	-0.08	77.9	66.2	89.6
urea	+	1	A	96.1	0.29	90.8	72.6	109
[mg/dl]			B	192	0.36	179	143	215
creatinine	+	1	A	3.93	-0.12	4.03	3.22	4.84
[mg/dl]			B	1.55	0.85	1.32	1.05	1.59
lactate	+	2	A	2.91	0.01	2.90	2.37	3.42
[mmol/l]			B	2.08	0.33	1.96	1.60	2.32
triglycerides	+	2	A	190	-0.19	196	164	228
[mg/dl]			B	105	0.05	104	87.3	121
CK	+	1	A	375	0.02	373	298	448
[U/l]			B	584	-0.13	600	480	720
AST	+	1	A	201	-0.52	226	178	274
[U/l]			B	224	-0.40	245	193	297
ALT	+	1	A	73.5	-0.10	75.1	59.3	90.9
[U/l]			B	234	-0.21	245	193	297