



Productcertificate Special Assays in Serum

Productname Control Special Assays in Serum

Productcode

Productcode	Colour cap
SAS-01	Green

Batchnumbers and Expiry date

Batchnumber	Exp.date stored at +2°C to +8°C
LOT 2009.174	2014-03

Reconstitution volume

5.0 mL

Calculated Consensus Values

Analyte	Unit	Calculated Consensus Value	95% Confidence Interval
3 OH Butyric acid	mmol/L	2.5	2-4
7-Dehydrocholesterol	µmol/L	121	111-131
C22:0 Behenic acid	µmol/L	84	80-87
C24:0 Lignoceric acid	µmol/L	75	71-78
C26:0 Cerotic acid	µmol/L	5.5	4.5-6.5
Carnitine Free	µmol/L	92	90-94
Cis-4-deconic acid	µmol/L	24	20-28
Creatine	µmol/L	69	63-74
Guanidine acetic acid	µmol/L	12	11-13
Homocysteine	µmol/L	64	63-65
L-Phenylalanine	µmol/L	488	479-497
Lactic acid	mmol/L	6.0	5-7
Phytanic acid	µmol/L	11	10-12
Pipecolic acid	µmol/L	22	19-25
Pyruvic acid	mmol/L	0.24	0-1
Uric acid	µmol/L	499	494-504



Consult
Instructions
For Use



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Special Assays in Serum

Intended purpose

Control of analytical systems for the determination of a variety of analytes in serum, relevant for inborn errors of metabolism.

Contents

Lyophilized human serum to which the respective analytes of interest have been added to achieve an analytically and physiologically relevant level.

Value Assignment

The specimens are prepared from equal amounts of the specimen pools used to manufacture the ERNDIM External Quality Assessment Scheme samples. The assigned values represent the average of the mean consensus concentrations of the 4 pools equal to the concentrations in the annual report (see reverse of this productcertificate).

Storage and stability

The product in lyophilized form is stable for 5 years when stored at +2°C to +8°C. Expiration dates are found on the productcertificate (reverse). The stability of the reconstituted product is 48 hours when handled appropriately: pure water, replacement of stopper and storage at 2-8 °C.

Instructions for use

- a. Remove cap and stopper. Open the vial carefully avoiding any loss of material.
- b. Add 5 mL aqua destillata (at room temperature)
- c. Replace stopper
- d. Let stand for 15 minutes at roomtemperature
- e. Mix carefully
- f. Analyse as patient sample

Precautions and warnings

1. For *in vitro* diagnostic use only.
2. Tested and found negative for Hepatitis B Surface Antigen (HbsAg), antibody to hepatitis C (HCV) and antibody to HIV.
3. This product should be handled with care, as appropriate for biological materials. Outdated and left-over material should be discarded as potentially infectious material, according to the procedures in your institute.

References

www.ERNDIMQA.nl

April 2009
Dr. C.W. Weykamp