DIALAB AUTOLYSER 450

α-1 Acid Glycoprotein 5+1

Diagnostic reagent for the quantitative in vitro determination of α - 1 Acid Glycoprotein in human serum by turbidimetric assay

1. General information

Please refer to the package insert for information on reagents, performance characteristics, additionally available products and complete instructions.

For calibration, please dilute manually or on instrument Protein Calibrator High 1:10, 1.20, 1:40, 1:80 and 1:160 with saline 9 g/L and use saline 9g/L as zero point.
Sample and control predilution is performed on the instrument.

Note: Below recommended instrument settings should be used as a guideline in conjunction with respective instrument operation manual.

2. Instrument settings

General

Method	Turbidimetric 5+1	**Process**	Cubic spline – Wash needle with detergent (Use only ring #1)
Filters	340/Ref	**Bar-Code**	602

Reaction

Reagents

Rgt #	Rgt vol.(µl)	Dilution	Diluent quantity (µl)	Insert cycle
1	200.00	None		1
2	40.00	None		10 (170")

Reaction

Calculation type	Quantitative
Cut-Off point	<Not used>
End cycle	29 (493")
Formula	Point[Final] - (Point[LastInsert-3]*VolumetricFactor)

Blank

Reagents used	Rgt 1 (1), Rgt 2 (10: 170")
Repetition	Every Run
End cycle	29 (493")
Formula	Point[Final]

Sample

	Serum	Urine	CSF	Other
Name	a-1 Acid Glycoprotein			
Quantity (µl)	4.00	2.00	2.00	2.00
Pre-treatment	Dil=S:12.0/D:108.0	-	-	-
Pathological high	Dil=S:6.0/D:114.0	-	-	-
Pathological low	-	-	-	-
Hyperactive	Dil=S:6.0/D:114.0	-	-	-
Out of curve Above	Dil=S:6.0/D:114.0	-	-	-
Out of curve Below	Inc=S:8.0	-	-	-

APPLICATION PROCEDURE

Check

	Serum	Urine	CSF	Other
Reagent limit	0.000/100	-	-	-
Final ABS sign	Positive	Positive	Positive	Positive
Form	-	-	-	-
Test limit	300	-	-	-
Max ABS Delta	-	-	-	-
Sample interference	-	-	-	-
Hook	-	-	-	-
Pathological	Active	Active	Active	Active
Out of curve Above	Active	-	-	-
Out of curve Below	Active	-	-	-

Supplementary

	Serum	Urine	CSF	Other
Unit	mg/dL (Std fact.1.00)			
2nd Unit				
Instrumental factor	1.00	1.00	1.00	1.00
Shift	0.000	0.000	0.000	0.000
Decimals	Automatic	Automatic	Automatic	Automatic

Normal values

Group	Serum	Urine	CSF	Other
Male	50.0/130	0.000/0.000	0.000/0.000	0.000/0.000
Female	40.0/120	0.000/0.000	0.000/0.000	0.000/0.000
Children	0.000/0.000	0.000/0.000	0.000/0.000	0.000/0.000

Panic values

Group	Serum	Urine	CSF	Other
Male	0.000/0.000	0.000/0.000	0.000/0.000	0.000/0.000
Female	0.000/0.000	0.000/0.000	0.000/0.000	0.000/0.000
Children	0.000/0.000	0.000/0.000	0.000/0.000	0.000/0.000