

quantex A-1-Acid Glycoprotein**Kit Configuration**

P/N 3000-2179	1 x 100 mL A-1-AGP R1
	1 x 4 mL A-1-AGP R2

Reagent Preparation

P/N 3000-2179: Reagents are ready to use. Place the bottles into reagent tray.

In Use Stability

On board: until expiration date shown on the bottle labels.

Specimen

Serum.

Calibration

Use *quantex* Proteins standard multipoint. See calibrator chart for lot specific concentration.

Recalibrate every 60 days or when a new lot of reagent is used.

Quality Control

Use *quantex* Proteins Control I/II (Cat. No. 3000-2122).

Calculation of Analytical Results

The results concentration is automatically calculated by the instrument against the Calibration curve. For detailed description, refer to the Instrument settings and to the ILab 600/650 Operator Manual.

Reference Interval

The reported expected range for A-1-Acid glycoprotein in adults is 50-120 mg/dL (0.5-1.2 g/L).

References / Literatur / Bibliografía / Bibliographie / Bibliografia /

See package insert enclosed in the kit

Performance Characteristics

Limitation/Interfering Substances

No interference from lipemia up to 500 mg/dL or 5.6 mmol/L triglycerides. No interference up to 1000 mg/dL (0.6 mmol/L) hemoglobin.

No interference up to 20 mg/dL (340 μ mol/L) bilirubin. No interference from rheumatoid factor up to 197 IU/mL.

For a comprehensive review of interfering substances, refer to the publication by Young et al.¹

Linearity

no rerun 15 - 200 mg/dL ; with rerun 15 - 1600 mg/dL

Instrument Settings

Photometric Test Parameters		Serum
Test No.		**
Test Name, Test Code		A-1-AGP,A-1-AGP
Sample Type		Serum
Reporting Unit, Decimal Points		mg/dL , 1
Reaction Cycle		Standard
Twin Analysis		OFF
Methodology Type, Measuring Point		End Point, 17/33
Photometric Methodology		1 Wavelength
Primary/Secondary Wavelength		510
Sampling Conditions		
<i>Sampling 1</i>	Sample Vol.	3
	Sample/Diluent Vol.	0/0
<i>Sampling 2</i>	Sample Vol.	3
	Sample/Diluent Vol.	20/140
<i>Sampling 3</i>	Sample Vol.	9
	Sample/Diluent Vol.	0/0
<i>Sampling 4</i>		***
Diluent Code		Saline
Diluent Warning Limit		N/A
First Run		Sampling 1
Below/Above Normal Range		***
Panic L		***
Panic H		Sampling 2
Noise		***
Prozone		N/A
High!, ABS!		Sampling 2
Sample Volume Reduction		**
Reagent Volumes		
R1	Code	01861
	Rgt/Dil. Vol. Stirring	200/0, ON
	Low Vol. Warning Limit	***
	Stability (days)	**
R2	Code	01862
	Rgt/Dil. Vol. Stirring	20/20, ON
	Low Vol. Warning Limit	***
	Stability (days)	**

Ranges and Evaluation Criteria	Serum
Normal Range-Male	**
Normal Range-Female	**
Normal Range-Other	**
Valid Range	0 - 200
Hemolysis/Icterus/Lipemia Limit	***
Reaction Slope	Positive
Absorbance Limit	Above, 3200
Prozone Limit	N/A
Non Linear Limit	N/A
Slope/Intercept Correction	1/0
Qualitative Report	OFF
Calibration Conditions	
Calibration	5 Points, point to point, 2 Reps
Stability (days)	60
Calibrator, Concentration	Proteins Std*
R-Blank Limit (mAbs)	200
Cal. Reps Range (%)	***
Min Cal. Response (mAbs)	***
Cal. Factor Change (%)	***
M-Point Curve Fit (%)	***
Reagent Blank	ON
Auto R-Blank by Bottle	ON

* Lot dependent
 ** operator definable
 *** optional
 N/A not applicable to this test