

APOLIPOPROTEIN A1 FS*

Order information

Cat. No.	Kit size				
10 710 021	R1	5 x	25 ml	+	R2 1 x 25 ml
1 7100 99 10 041		1 x	1 ml		Calibrator Level 1
		1 x	1 ml		Calibrator Level 2
		1 x	1 ml		Calibrator Level 3

Targa BT 3000

Method

Immunological, turbidimetric test, measuring range 25 – 250 mg/dl;
Endpoint determination of the concentration of Apolipoprotein A1 through photometric measurement of antigen-antibody-reaction.

Reagent preparation and stability

The reagents and calibrators are ready-to-use and stable up to the end of the indicated month of expiry, if contamination is avoided and stored at 2 – 8 °C.

Specimen

Serum, heparinized or EDTA plasma. Avoid hemolysis!

Stability:	5 days	at	15 - 25 °C
	2 weeks	at	2 - 8 °C
	3 months	at	- 20 °C

(not in case of repeated deep freezing)

Calibration

With 3 calibrators via a suitable curve adjustment, e.g. logit/log.
Stability of calibration: 4 weeks

We recommend the use of our calibrator set as this set covers optimally the measuring range of the test kit.

Prozone limit

up to at least 500 mg/dl

Components and concentration in the test

R1:	Buffer		
	TRIS	pH 7.5	100 mmol/l
	PEG, detergents, stabilizers		
R2:	Antiserum		
	TRIS	pH 7.5	100 mmol/l
	Anti-human Apolipoprotein A1		
	Antibody (goat) with stabilizers		

Calibrators:

stabilized human sera, concentrations are indicated on the label

Notes

- The reagents contain Sodium Azide (0.095 %) as preservative. Do not swallow. Avoid contact with skin and mucous membranes.
- No cross reactions with Apo A2 and Apo B were seen under test conditions.
- The calibrators were only produced with human sera from donors, where no HIV-antibodies and no HbsAg were detected by FDA approved tests. As a risk of infection cannot be completely excluded, the calibrators should be handled as carefully as patient samples.

Normal range (see reference 2)

Men:	104 – 204 mg/dl
Women:	111 – 214 mg/dl

References

- Marcovina, S. M., Albers., J. J., Dati, F., Ledue, T. B., Ritchie, R. F., Clin. Chem., 37, (1991), 1676 – 1682
- Steinmetz, J., Tarallo, P., Fournier, B., Caces, E., Siest, G., Eur. J. Clin. Chem. Clin. Biochem., 33, (1995), 337 - 342

fluid stable

INSTRUMENT PARAMETER

Test Typ	End Point Double
Serum Starter	In Active
Filters (A/B)	578
Units	mg/L
Test Method	with Factor
Test Methodology	Turbid
Number of washes	1
Delay Time	(Sec) 0
Inc. Time	(Sec) 300/10
Reading Time	(Sec) 300
Test Limit	(Conc) 250
Reactio Limit	(mABS) 0
Max ABS Delta	(mABS) 0
Reagent mAbs Limit	(mABS) 2500
Reagents A/B	(µl) 250/50
Reaction Direction	Increasing
Reagent Dilution	1:1
Initial ABS	(mABS) 0
Curve Acceptance	100%
Automatic profile	In Active
Rerun Test Rgt Blk	H:M
Pathological Repetition	

Serum Parameters

Tests Name	Apo AI
Sample Volume	(µl) 2
Dilution Ratio	1:5
Min. Max. M.	110/220
Min. Max. F.	
Min. Max. B.	

Urine Parameters

Tests Name	
Urine Volume	(µl)
Min. Max. M.	
Min. Max. F.	
Min. Max. B.	
Auto Dilution	
Multi Factor	

14.04.08