

APOLIPOPROTEIN A1 FS*

Order information

Cat. No.	Kit size						
1 7102 99 10 015	R1 2 x	25 ml	+	R2 1 x	10 ml		
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			

**BAYER / TECHNICON
RA-SYSTEM**

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

CHEMISTRY SETTINGS

Temperature: 37°C

METHOD NO (FREE NO)	#		
CODE	#		
NAME		APOA	
IMMUNOASSAY	0	IA TABLE	-
TYPE	2		
INV METHOD	0		
% SAMPLE VOL	6%		
FILTER POS	5(550)		
BIC CHEM	0	FILTER 2	-
BIC FACT 1	0	BIC FACT 2	-
BIC LIM 1	0	BIC LIM 2	-
DEP. LIM	0		
DELAY	5:00		
INCUBATION	0		
DEFAULT	0	BLANK	0
% REAG VOL	70%		
2ND REAG		2RGT VOL	10%
A1 DLY.		A2 DLY	3:00
UNITS	mg/dl		
UNIT FAC	1.000	DECIMAL	0
RBL LOW LIM	0.000	RBL HIGH LIM	1.00
RANGE LOW	25	RANGE HIGH	250
CAL FACTOR	1.00		
RGT RATE	0.00		
STD VAL	*		
NORMAL L	104	NORMAL H	204
SLOPE	1.000	INTERCEPT	0.00
LIN FACT	-	1.0 LIM	-
EP LIM	0.005		
C 1* 10E-6	-	C 2* 10E-6	-
D 1* 10E-6	-	DELTA-Z	-

#) Data entry by the user

*) Enter calibration or standard value and position

**) The factor must be checked by a calibration serum.

14.04.08