

APOLIPOPROTEIN A1 FS*

CLINLINE 150

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

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
Anti-human Apolipoprotein A1

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

Assay Parameters at 37°C

Test Name	Apolipo A1	
Short Name	APOA1	
Units	mg/dl	
Assay Type	EP STD	
Filter Value	580	
1 st Read. = 0	NO	
Lag Phase 1	10	
NB Mesur	12	
Reag.1	Vol	250
	Dil	0
	Pos	1 to 28
Reag.2	Vol	50
	Dil	0
	Pos	1 to 28
Sample	Vol	3
	Dil	0
Activation	REAG 2	
Lag Phase 2	0	
Factor		
Stand. Calcul	1 DEG	
Blk = Stand.	YES	
Nb.of Stand	3	
Stand. 1	Val	Calibrator Value
	Pos	76 to 89
Stand. 2+3	Val	Calibrator Values
	Pos	76 to 89
NB Rep St/Ct	2	
Control	Val	Control Values
	Pos	76 to 89
	Dev	Standard deviation
Predil Rate	1	
Postdil Rate	10	
Diluent	Water	
Rinse Type	3	
Up Norm Val	214	
Low NormVal	104	
Linearity L	250	
Lower Blk L	0	
Upper Blk L	3000	
Blk Acti. L		
ODT 1 – ODT0 L		
Pred St/CT	-	

Antibody (goat) with stabilizers