Lp(a)
(Turbidimetric Latextest)

Cat.No	Package sizes	
167 100	5 x 25 mL	1 x 10 mL

METHOD
Turbidimetric, with latexreagent ,endpoint

PRINCIPLE
Turbidimetric determination of thereaction of Lp(a) with the polyclonal anti– Lp(a) antibody from goat

REAGENTS
Reagentcomposition

R2 **Antiserum**
Glycine Buffer
Sensitized Latexreagent(0,5 %)
Detergents, Stabilisors

R1: **Buffer**
NaCl (9 g/l)
Detergents, Stabilisors

Precautions
- For *in vitro* diagnostic use only
- The reagents contain less than 0,95g/L sodium azide. Do not swallow and not touch skin and/or mucous membranes
- Avoid contamination by using clean laboratory material (pipette, plastic vial for analyzers,...).

Storage and Stability
When stored at 2-8° C and protected from light, the reagents are stableup to the expiry date printed on the labels .

Preparation
The reagents are ready to use.

SAMPLES
Serum free of hemolysis. Heparin plasma.
Dilute samples and controls 1 : 10 in NaCl(9 g/l)

REFERENCE VALUES
< 30 mg/dl

Note: It is recommended for each laboratory to establish and maintain its own reference values. The given data are only an indication.

PROCEDURE
The reagent can be used manually (see method below) and on most analyzers. Applications are available on request.

Wavelength : 340 nm
Temperature : 37°C
Cuvette : 1 cm light path

Read against reagent blank.

	BLANK	CALIBRATOR	SAMPLE
R1	900 µL	900 µL	900 µL
Dist. Water	10 µL	-	-
Dil.Calibrator	-	30 µL	-
Dil.Sample	-	-	30 µL

Mix carefully, do not shake. After3 - 5 minutes read A1 Then add:

R2	80 µL	80 µL	80 µL

Mix, incubate 5 min and read A2

?A = [(A1 – A2) sample or calibrator]-
[(A1 – A2) reagent blanc]

CALCULATION
ΔA is calculated with calibrator

Lp(a) [U/L] = ΔA Sample x F

QUALITY CONTROL
Use the special Lp(a)lipid control ,
Natulip by Greiner
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