

HDL CHOLESTEROL

Precipitation/Enzymatic-spectrophotometric
 PHOSPHOTUNGSTATE/Mg²⁺-CHOLESTEROL OXIDASE/PEROXIDASE

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instrument: AIRONE 200 (=AUTOHUMALYZER 900 S)

Samples

Serum or plasma. Stable for 7 days at 2-8°C.
 Heparin, EDTA, oxalate and fluoride may be used as anticoagulants.

Precipitation Procedure:

1. Pipette into labelled centrifuge tubes:

Sample	0.2 mL
Reagent A	0.5 mL
2. Mix thoroughly and let stand for 10 minutes at room temperature.
3. Centrifuge at a minimum of 4000 r.p.m. for 10 minutes.
4. Carefully collect the supernatant.

Reagent preparation

Reagent B is ready to be used.

Instrument settings

UNITS	mg/dL
DECIMALS	0
REACTION TYPE	End Point
VOLUME SERUM	20
PLASMA	20
URINE	
REAGENT 1	400
REAGENT 2	0
ABS RANGE MIN.	0.0
ABS RANGE MAX.	500
LINEARITY LIMIT	150
REAGENT BLANK	Yes
CONTAMINATING	No
DIFERENTIAL	No
FILTER 1	510
FILTER 2	None
TIMES MIX 1	0.0
INCUBATION 1	580
LAG PHASE	2
MIX 2	0.0
INCUBATION 2	0
MEASURE	1
MEASURE TYPE	Std
FACTOR	0.0
NORMAL RANGE	30 – 70