

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: **CLINLINE 150 (=LISA, MASCOTT Plus)**

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

TEST NAME	HDL-CHOLESTEROL	BLANK = STD	YES
SHORT NAME	HDL-C	N° OF STD	1
UNITS	mg/dL	STANDARD 1 VALUE	*
ASSAY TYPE	E.P. STD	STANDARD 1 POSITION	...
FILTER VALUE	500	STANDARD 2 VALUE	*
1 ST READING = 0	YES	STANDARD 2 POSITION	...
LAG PHASE 1	0	N° REP. STANDARD/CONTROL	2
N° OF MEASURES	12	CONTROL VALUE	*
REAGENT 1 VOLUME	250	CONTROL POSITION	...
REAGENT 1 DILUTION	0	CONTROL DEVIATION	*
REAGENT 1 POSITION	...	PREDILUTION RATE	1
REAGENT 2 VOLUME		POSTDILUTION RATE	2
REAGENT 2 DILUTION		DILUENT	WATER
REAGENT 2 POSITION		RINSE TYPE	2
SAMPLE VOLUME	20	UP. NORMAL VALUE	70
SAMPLE DILUENT		LOW NORMAL VALUE	30
ACTIVATION	ANY	LINEARITY LIMIT	200
LAG PHASE 2T		LOWER BLANK LIMIT	0
FACTOR		UPPER BLANK LIMIT	200
STD CALCULATION	1 DEG		
... Data entered by the operator			
* Assigned value			