

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: RA-XT (=OPERA)

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

CHEM. #	(*)
NAME	HDL-C
IMMUNOASSAY	NO
TYPE	ENDPOINT
INVERSE	NO
% SAMPLE VOL.	34 (17.5 µL)
FILTER P.	500
BIC. CHEM.	NO
DELAY TIME	3:00
BLANK TYPE	NO
% REAGENT VOL.	60 (300 µL)
2 ND REAGENT	NO
UNITS	mg/dL
UNIT FACTOR	1.000
DECIMAL	0
RBL. LOW	0.000
RBL. HIGH	0.040
RANGE LOW	0.00
RANGE HIGH	200
CAL. FACTOR	(**)
STANDARD VALUE	(***)
REAGENT RATE	0.000
NORMAL LOW	30
NORMAL HIGH	70
SLOPE	1.00
INTERCEPTION	0.00
ENDPOINT LIMIT	0.010
	(*) Data entered by the operator
	(**) CAL. FACTOR is determined by a calibration assay
	(***) Assigned value of the standard