

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: **ILAB 900 (=SHIMADZU CL-7200/7300)**

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 N°:		CURVE N°:	
TEST NAME	HDL-C	NORMAL RANGE MALE L - H	30 – 60
BAR CODE		FEMALE L - H	40 – 70
MEASURING METHOD	Endpoint	VALID RANGE LL - HH	0 – 150
CALIB. METHOD	1 point	CORRECTION CONST. 1,2	1 – 0
UNIT	mg/dL	W1 – ABS INC / DEC, LIMIT	Inc – 2000
MEASURING POINT	43	HEMOLYSIS LIMIT	-
PHOTOMETRIC METHOD	Double	ICTERIC LIMIT	-
WAVELENGTHS 1, 2, 3	510 – 700	LIPEMIC LIMIT	-
SAMPLE VOL. N, D, I	15 – 8 – 30	CALIB. REPLICATES	5
R1 V. – STIR MODE (Nor)	300 – Yes – 0	REPLICATE, SENS. LIMITS	-
R2 V. – STIR MODE	-	SLOPE – OFFSET LIMITS	-
N°. DECIMAL POINTS	0	PARTNER TEST, CONST.	-
SAMPLE TYPE	Serum	PROZONE INC / DEC, LIMIT	-
... Data entered by the operator		* assigned value	