

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.

Instruments: COBAS MIRA / MIRA 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:

- Pipette into labelled centrifuge tubes:

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

Reagent preparation

Reagent B is ready to be used.

Instrument settings

GENERAL			CALCULATION		
MEASUREMENT MODE	ABSORB		SAMPLE LIMIT	NO	SPACE
REACTION MODE	R- S	1	REACTION DIRECTION	INCREASE	1
CALIBRATION MODE	CALIBRATOR	2	CHECK	ON	1
REAGENT BLANK	REAG/DIL	2	CONVERSION FACTOR		1
CLEANER	NO	1	OFFSET		0
WAVELENGTH	500 nm	3	TEST RANGE LOW		0
DECIMAL POSITION		0 (mg/dL)	HIGH		200 mg/dL
UNIT		12 (mg/dL)	NORM RANGE LOW		30 mg/dL
			HIGH		70 mg/dL
ANALYSIS			NUMBER OF STEPS		1
POST DIL. FACTOR		3	CALCULATION STEP A	ENDPOINT	1
CONC. FACTOR	NO	SPACE	READING FIRST		1
SAMPLE CYCLE		2	LAST		8
VOLUME		10 µL			
DILUTION NAME	H2O	0	CALIBRATION		
VOLUME		30 µL	CALIB. INTERVAL	ON REQUEST	3
REAGENT CYCLE		1	TIME	NO	SPACE
VOLUME		200 µL	BLANK RANGE LOW	- 0.020 ΔA	
STANDARD POS.		(*)	HIGH	0.020 ΔA	
STD-1		(**)	REAGENT RANGE LOW	NO	SPACE
			HIGH	NO	SPACE
(*) Enter the position of the CAL rack					
(**) Enter the value of the calibrator					