

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: AU 400 / 640

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

Specific Test Parameters					
Sample: Volume	10 µL	Dilution	0 µL		
Reagents: R1 Volume	200 µL	Dilution	0 µL		
Wavelength: Pri.	520	Sec.	660		
Method:	END				
Reaction slope:	+				
Measuring Point 1: First	0	Last	16		
Measuring Point 2: First	0	Last	10		
Linearity:	%				
No Lag Time:					
		Reagent OD limit:			
			First L	-0.1	First H 0.3
			Last L	-0.1	Last H 0.3
		Dynamic Range:			
			L	0	H 200
		Correlation Factor:			
			A	1	B 0
		On-board stability period:			
7. None selected			L	H	
8. Out of range			30	70	
Panic Value			L	H	
		Unit:	mg/dL		Decimal places: 0
Calibration Specific					
Calibration Type:	AB		Formula:	Y=AX+B	
		Counts:	2		Process: CONC.
Point 1:	Cal. N° #	OD	CONC *	Factor/OD-L	Factor/OD-H
				-9999	9999
* Enter the assigned standard value					
# User defined					