

# HDL CHOLESTEROL

Precipitation/Enzymatic-spectrophotometric  
PHOSPHOTUNGSTATE/Mg<sup>2+</sup>-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 300 / 300 Plus (=LIASYS)**

### 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

			Reference Range					
Description	Hdl-C		NORMAL VALUES			HIGH VALUES		
Unit	mg/dL	Male	0	0	0	...	...	...
Decimals	0	Female	0	0	0	...	...	...
LIS Code	...	Children	0	0	0	...	...	...
Unit Factor	1.00	Alert	Low Alert	Very Low	Low	Normal Values	High	Very High
Slope	1.00	Rerun	No	No			No	No
Intercept	0.00							
Reaction Type	End Point		Parameters					
Direction	Up	Times(sec)	Predilut.	S+R 1	Reag 2	Reag 3	Incub.	Read
E.P.Limit (Abs)	1.0	Dil./Rgt Code		0	0	0	325	
Depl.limit (Abs)	N/A	Lot Number		Hdl-C	0			
First Limit (Abs)	N/A	Ratio/Vol (uL)	1/1	300	0	0		
Linear Factor	N/A	Rinse (uL)		0	0	0		
Fit:	N/A	Sample (uL)		15				
Lin Limit Low	0	RBL min (abs)			0.0			
Lin Limit High	150	Max (abs)			1.0			
Rerun when over	No							
Calculation Model	Standard	RBL stability (days) :			1			
Factor	N/A	Calibration Stability (days):			99			
Sample Blank	No	Dynamic Controls (min):			none			
			Filter 1 (nm) : 510 Filter 2 (nm) : none Bicr.Factor : 1					
(...) Values entered by the operator								