HDL CHOLESTEROL

Precipitation/Enzymatic-spectrophotometric
PHOSPHOTUNGSTATE/Mg^{2+}-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: **TARGA 2000/3000 (=ATAC 8000)**

Samples

Serum or plasma. Stable for 7 days at 2-8ºC.
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 Type		End Point Single
Serum Starter		Inactive
Filters	(A/B)	510 / 700
Units		mg/dL
Test Method		With factor
Test Methodology		
Number of Washes		1 - 2
Delay Time	(Sec)	0
Inc. Reagent	(Sec)	600
Reading Time	(Sec)	10
Test Limit	(Conc)	150
Max Abs Delta	(mABS)	0.00
Reagent mABS Limit		300
Reagent A/B	(µL)	300
Reaction Direction		Increasing
Reagent Dilution		1:1
Initial ABS	(mABS)	0.00
Curve Acceptance		100 %
Automatic Profile	(Inactive)	
Rerun Test Rgt BLK H:M		00:00
Serum Parameters		
Test's Name		HDL-C Precipitating
Sample Volume	(µL)	15
Dilution Ratio		1:2
Min. Max. M		35 - 60
Min. Max. F		35 - 60
Min. Max. B		
(*) Input the assigned value of the calibrator		