

# 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: HITACHI 705

### 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 CODE	# (HDL-C)
ASSAY CODE	END POINT 1
SAMPLE VOLUME	20
R1 VOL. (µL)	400 - ...
R2 VOL. (µL)	1 - 1 - NO
WAVELENGTH 1	600
WAVELENGTH 2	505
RGT. BLK. ABS.	0
RGT. BLK. CONC.	0
STD. CONC.	*
FACTOR	...
STD. ABS. ALLOWANCE	10 %
NORMAL RANGE L	30 mg/dL
NORMAL RANGE H	70 mg/dL
ABS. LIMIT (RATE)	0
TEST CODE	#
	# Data entered by the operator
	* Assigned value