

# 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 917

### 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

<p><b>ANALIZE</b></p> <table style="width: 100%; border: none;"> <tr> <td>Assay/Time/Point</td> <td style="text-align: right;">End Point / 10 / 34</td> </tr> <tr> <td>Wavelength (Second./Main)</td> <td style="text-align: right;">0 / 505</td> </tr> <tr> <td>Sample Volume (Normal)</td> <td style="text-align: right;">14 / 0 / 0</td> </tr> <tr> <td style="padding-left: 20px;">(Decreased)</td> <td style="text-align: right;">4 / 0 / 0</td> </tr> <tr> <td style="padding-left: 20px;">(Increased)</td> <td style="text-align: right;">20 / 0 / 0</td> </tr> <tr> <td>Diluent/Expiration</td> <td style="text-align: right;">951 / 99</td> </tr> <tr> <td>Reagent (R1) T1</td> <td style="text-align: right;">270 / 0 / ... / 90</td> </tr> <tr> <td style="padding-left: 20px;">(R2) T2</td> <td style="text-align: right;">0 / 0 / ... / 0</td> </tr> <tr> <td style="padding-left: 20px;">(R3) T3</td> <td style="text-align: right;">0 / 0 / ... / 0</td> </tr> <tr> <td style="padding-left: 20px;">(R4) T4</td> <td style="text-align: right;">0 / 0 / ... / 0</td> </tr> <tr> <td>Abs. 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