



# HDL PRECIPITANT

## Reagent for enzymatic colorimetric determination of HDL Cholesterol in serum

### TEST SUMMARY

LDL and VLDL lipoproteal fractions are precipitated with PEG 6000 instead HDL remains on solution.  
Cholesterol bound to lipoproteal HDL fraction is being determined using Reagent for Total Cholesterol determination.

### SAMPLE

Serum. Stability 5 days 4°C.

### REAGENTS

Precipitant Reagent: PEG 6000 14 g/l; stabilizers

### REAGENTS PREPARATION AND STORAGE

Precipitant Reagent is ready to use. Stability: reagents are stable until expiration date on label, stored at 2-8°C.

### PRECAUTIONS

Reagent may contain not reactive and conservative components. It is opportune to avoid contacts with the skin and do not swallow.  
Perform the test according to the general "Good Laboratory Practice" (GLP) guidelines.

### PROCEDURE

Separation of HDL fraction. Pipette in a centrifuge a vial 0,5 ml of serum and 0,5 ml of Precipitant Reagent kept in agitation with vortex, go on for others 30 seconds with agitation. Centrifuge for 15 minutes at 1500 rpm; the supernatant must be clear.

### CALCULATION

Cholesterol HDL (mg/dl) =  $(A \text{ sample} / A \text{ standard}) \times \text{standard value} \times 2$ .

### EXPECTED VALUE

Men:	35 - 55 mg/dl	1 - 1.4 mmol/l
Women:	45 - 65 mg/dl	1.1 - 1.55 mmol/l

Values below intervals are considered at coronary diseases high risk, meanwhile the ones above point out a low risk.

### NOTES

- If the results are incompatible with clinical presentation, they have to be evaluated within a total clinical study.
- Only for IVD use.

### WASTE DISPOSAL

Product is intended for professional laboratories. Waste products must be handled as per relevant security cards and local regulations.

### PACKAGING

<b>CODE CC01110</b>	<b>(1200 TESTS)</b>
Precipitant reagent	6 x 100 ml

### REFERENCES

Gordon T. e coll. - Am. J. Med. 62; 707 (1977).  
Demarcher P.N. e coll. - Clin. Chem. 26; 1775 (1980).  
Young D.S. e coll. Clin. Chem. 21; No 5 (1975).

### MANUFACTURER

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### SYMBOLS

- |  |                                  |
|--|----------------------------------|
|  | Only for IVD use                 |
|  | Lot of manufacturing             |
|  | Code number                      |
|  | Storage temperature interval     |
|  | Expiration date                  |
|  | Warning, read enclosed documents |
|  | Read the directions              |
|  | Biological risk                  |

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