The Lipids Profile

A new concept in the definition of the lipids profile

- Apo A1
- Apo B
- Lp(a)
- s LDL
- HDL
- Total Cholesterol
- Triglycerides
- LDL
- Phospholipids
The Lipids Profile

**CHOLESTEROL HDL Liquid NG**

REF 17201H (1x65; 1x20 mL)*
REF 17201R (6x90; 4x45 mL)

*DIRECT METHOD IN HOMOGENEOUS PHASE NEW GENERATION in serum and plasma*
- High on board stability
- One point calibration with linearity range from 2 to 150 mg/dL
- Excellent correlation with the CDC reference method, with ultracentrifugation method (R=0.990) and with precipitation methods with phosphotungstic acid-magnesium (R=0.990) and heparin-manganese (R=0.990).
- Intra-Assay Precision CV = 1.99% (Xavg = 57.2 mg/dL)
- Inter-Assay Precision CV = 1.32% (Xavg = 61.4 mg/dL)

**CHOLESTEROL LDL Liquid NG**

REF 17203H (1x65; 1x20 mL)*

*DIRECT METHOD IN HOMOGENEOUS PHASE NEW GENERATION in serum and plasma*
- High on board stability
- One point calibration with linearity range from 2 to 1000 mg/dL
- Better reliability compared to Friedewald’s calculation method on samples with Triglycerides values beyond normal values.
- Intra-Assay Precision CV = 1.01% (Xavg = 114.2 mg/dL)
- Inter-Assay Precision CV = 2.72% (Xavg = 105.1 mg/dL)

**s LDL**

REF 562616 (1x18; 1x16 mL)

*For the italian market only*

*DIRECT METHOD IN HOMOGENEOUS PHASE*
- Direct quantitative determination in serum and plasma of small and dense LDL components
- Test performed on automated clinical chemistry analyzers
- Simple and rapid: test performed in 10 minutes
- High on-board stability

**CHOLESTEROL Liquid - total**

REF 17644H (6x65 mL)*

*ENZYMATIC-COLORIMETRIC METHOD with CHOD-POD-PAP*
- Single liquid, stable reagent
- High on board stability
- High linearity: 4 - 700 mg/dL
- Intra-Assay Precision CV = 0.5% (Xavg = 175.8 mg/dL)
- Inter-Assay Precision CV = 1.9% (Xavg = 203.1 mg/dL)

**TRIGLYCERIDES Liquid**

REF 17624H (6x65 mL)*

*ENZYMATIC-COLORIMETRIC METHOD with CHOD-POD-TOOS*
- Single liquid, stable reagent
- High on board stability
- High linearity: 3 - 1000 mg/dL
- Intra-Assay Precision CV = 1.2% (Xavg = 225 mg/dL)
- Inter-Assay Precision CV = 0.84% (Xavg = 200.7 mg/dL)

**Lp(a) Ultra**

REF 11504D (1x18; 1x9 mL)*

*LATEX-ENHANCED TECHNOLOGY DETERMINATION*
- No prozone effect at least up to 660 mg/dL
- Determination in serum and plasma
- Measuring range: 3 - 130 mg/dL

**Apolipoprotein A-1**

REF 11040D (2x50; 2x4) 108 mL

*IMMUNOTURBIDIMETRIC METHOD*
- No prozone effect at least up to 3000 mg/dL
- Determination in serum and plasma
- Measuring range: 30 - 270 mg/dL

**Apolipoprotein B**

REF 11042D (2x50; 2x4) 108 mL

*IMMUNOTURBIDIMETRIC METHOD*
- No prozone effect at least up to 5300 mg/dL
- Determination in serum and plasma
- Measuring range: 40 - 800 mg/dL

**Phospholipids**

REF 17320 (5x10 mL)

*ENZYMATIC-COLORIMETRIC METHOD*
- Determination in serum and plasma
- Measuring range: 40 - 800 mg/dL
- Standard included

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Innovative methods, panel completion, proven reliability, specificity and sensitivity give Sentinel Diagnostics the edge in the lipids profile analysis. The reagents come in S-UV (Sentinel Universal Vials) suitable for AU series, ADVIA series, Hitachi Modular, Hitachi 917, Dirui series.

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* Filled in Universal Vials suitable for AU series, ADVIA series, Hitachi Modular, Hitachi 917, Dirui Series