

APOLIPOPROTEIN A1 (Apo A1)

Turbidimetry

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: DIMENSION AR / RxL

Reagent preparation

Reagent 1: Use the Reagent A.

Reagent 2: Use the Reagent B.

Instrument settings

| | | | | | | | | | | | |
|-----------------------|--|------------------------|--|------------------|--|----------|-----|-------------------|-----|------------------------------|-----|
| Test: | | APO A1 | | Name: | | APO A1 | | Std. Curve: Logit | | | |
| Channel: | | (...) | | Method: | | Normal | | | | | |
| Measure: | | Turbidimetry | | Ref. Wavelength: | | | | | | | |
| Act. Wavelength: | | 340 nm | | | | | | | | | |
| Sample | | | | | | | | | | | |
| Time | | Volume | | Dilution | | Mix | | | | | |
| 0.0 | | 2 µL | | 0 µL | | moderate | | | | | |
| Reagent delivery time | | | | | | | | | | | |
| Time | | Comp.1 | | Comp.2/3 | | Dilution | | Mix | | | |
| 1.: -57.6 | | (A) 240 µL | | | | 0 µL | | moderate | | | |
| 2.: 130.0 | | (B) 60 µL | | | | 0 µL | | moderate | | | |
| 3.: | | | | | | | | | | | |
| Photometry | | | | | | | | | | | |
| Time | | Factor | | | | 1 | 2 | 3 | 4 | 5 | 6 |
| 1.: 100 sec | | - 1.000 | | Comp | | (A) | (A) | (A) | (A) | (A) | (B) |
| 2.: 400 sec | | 1.000 | | Aliquote | | 14 | 14 | 14 | 14 | 14 | 70 |
| Method parameter | | | | | | | | | | | |
| Method: | | APO A1 | | Decimal places: | | 0 | | | | | |
| Units: | | mg/dL | | Calculation: | | Logit | | | | | |
| | | | | | | Std. 1 | | (*) x 0.0 | | | |
| | | | | | | Std. 2 | | (*) x 0.125 | | | |
| | | | | | | Std. 3 | | (*) x 0.5 | | | |
| | | | | | | Std. 4 | | (*) x 0.75 | | | |
| | | | | | | Std. 5 | | (*) x 1.0 | | | |
| Serum/Plasma | | Normal Range | | Technical Range | | | | | | | |
| | | 94 – 178 | | 2 – 250 | | | | | | | |
| (...) | | Data entry by the user | | | | | | | | | |
| | | | | | | | | | | (*) Enter the standard value | |