# ADVIA 1650/1800

# α-1 Acid Glycoprotein 5+1

Diagnostic reagent for the quantitative in vitro determination of α-1 Acid Glycoprotein in human serum by turbidimetric assay

## 1. General information

Please refer to the package insert for information on reagents, performance characteristics, additionally available products and complete instructions.

For calibration, please dilute Protein Calibrator High successively 1:2 in saline 9g/L. Alternatively use Protein Calibrator 5 Level Series. Use saline 9g/L as zero point. Sample and control predilution is performed on the instrument.

**Note:** Below recommended instrument settings should be used as a guideline in conjunction with respective instrument operation manual.

## 2. Instrument settings

| Analytical conditions | | Sub-analy. conditions | |
|---|---|---|---|
| R1 volume | **250** | Name | **AGP** |
| R2 volume | 0 | Digits | ***** |
| R3 volume | **50** | M-wave.L. | **340** |
| R4 volume | 0 | S-wave.L. | |
| R1 diluent vol | 0 | Analy.Mthd | **EPA** |
| R2 diluent vol | 0 | Calc.Mthd | **MSTD** |
| R3 diluent vol | 0 | Qualit.judge | Not do |
| R4 diluent vol | 0 | Calculation method setting | |
| Serum reac.s.vol | **2** | M-DET.P.l | **0** |
| Serum dil.method | **STD** | M-DET.P.m | **94** |
| Serum dil.s.vol | **30** | M-DET.P.n | **98** |
| Serum dil.volume | **120** | S-DET.P.p | **42** |
| Serum dil.posit | 0 | S-DET.P.r. | **46** |
| Reaction time | 10 min. | Check D.P.I. | **0** |
| Reagent 1 stir | Weak | Limit value | **0.003** |
| Reagent 2 stir | Weak | Variance | **10.0** |
| Reagent 3 stir | Weak | * Prozone | |
| Reagent 4 stir | Weak | Prozone form | **NONE** |
| | | Prozone limit | |
| Reanalysis conditions | | Prozone judge | |
| Serum reac.smp.vol (u) | **2** | M-DET.P.m | |
| Serum dilut.method (u) | **NONE** | M-DET.P.n | |
| Serum dil.smp.vol (u) | **0** | S-DET.P.p | |
| Serum diluent vol (u) | **0** | S-DET.P.p | |
| Serum diluent posi (u) | **0** | S-DET.r | |
| Serum reac.smp.vol (d) | | * Endpoint | |
| Serum dilut.method (d) | | Re.absorb (u) | **1.700** |
| Serum dil.smp.vol (d) | | Re.absorb (d) | **-1.450** |
| Serum diluent vol (d) | | | |
| Serum diluent posi (d) | | | |

| Standard settings | | | Multi-STD | | | | | |
|---|---|---|---|---|---|---|---|---|
| Formula | | **LOGIT– LOG3** | Axis conv. | **NO CONVERT** | Points | **6** | | |
| POS | | Coeff (FV) | Dil.method | Dil.smp.vol | Diluent vol. | Diluent pos. | STD-H | STD-L |
| BLK | * | | | | | | | |
| 1 | * | ** | **STD** | **30** | **120** | 0 | 9.999 | -9.999 |
| 2 | * | ** | **STD** | **30** | **120** | 0 | 9.999 | -9.999 |
| 3 | * | ** | **STD** | **30** | **120** | 0 | 9.999 | -9.999 |
| 4 | * | ** | **STD** | **30** | **120** | 0 | 9.999 | -9.999 |
| 5 | * | ** | **STD** | **30** | **120** | 0 | 9.999 | -9.999 |

* Data entry by user

** Enter calibration value