# DIALAB AUTOLYSER 450

# Fibrinogen 5+1

Diagnostic reagent for the quantitative in vitro determination of Fibrinogen in human plasma 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 manually or on instrument Fibrinogen Calibrator 1:10, 1.20, 1:40, 1:80 and 1:160 with saline 9 g/L and 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

### General

| | | | |
|---|---|---|---|
| **Method** | Turbidimetric 5+1 | **Process** | Cubic spline - Wash needle with detergent (Use only ring #1) |
| **Filters** | 340/Ref | **Bar-Code** | 614 |

### Reaction

**Reagents**

| Rgt # | Rgt vol.(µl) | Dilution | Diluent quantity (µl) | Insert cycle |
|---|---|---|---|---|
| 1 | 200.00 | None | | 1 |
| 2 | 40.00 | None | | 12 (204") |

**Reaction**

| | |
|---|---|
| Calculation type | Quantitative |
| Cut-Off point | <Not used> |
| End cycle | 30 (510") |
| Formula | Point[Final] - (Point[LastInsert-3]*VolumetricFactor) |

**Blank**

| | |
|---|---|
| Reagents used | Rgt 1 (1), Rgt 2 (12: 204") |
| Repetition | Every Run |
| End cycle | 30 (510") |
| Formula | Point[Final] |

### Sample

| | Serum | Urine | CSF | Other |
|---|---|---|---|---|
| **Name** | Fibrinogen | | | |
| **Quantity (µl)** | 8.00 | 2.00 | 2.00 | 2.00 |
| **Pre-treatment** | Dil=S:12.0/D:108.0 | - | - | - |
| **Pathological high** | Dil=S:6.0/D:114.0 | - | - | - |
| **Pathological low** | - | - | - | - |
| **Hyperactive** | Dil=S:6.0/D:114.0 | - | - | - |
| **Out of curve Above** | Dil=S:6.0/D:114.0 | - | - | - |
| **Out of curve Below** | Inc=S:16.0 | - | - | - |

## APPLICATION PROCEDURE

### Check

| | Serum | Urine | CSF | Other |
|---|---|---|---|---|
| **Reagent limit** | 0.000/1000 | - | - | - |
| **Final ABS sign** | Positive | Positive | Positive | Positive |
| **Form** | - | - | - | - |
| **Test limit** | 500 | - | - | - |
| **Max ABS Delta** | - | - | - | - |
| **Sample interference** | - | - | - | - |
| **Hook** | - | - | - | - |
| **Pathological** | Active | Active | Active | Active |
| **Out of curve Above** | Active | - | - | - |
| **Out of curve Below** | Active | - | - | - |

### Supplementary

| | Serum | Urine | CSF | Other |
|---|---|---|---|---|
| **Unit** | mg/dL (Std fact.1.00) | | | |
| **2nd Unit** | | | | |
| **Instrumental factor** | 1.00 | 1.00 | 1.00 | 1.00 |
| **Shift** | 0.000 | 0.000 | 0.000 | 0.000 |
| **Decimals** | Automatic | Automatic | Automatic | Automatic |

### Normal values

| Group | Serum | Urine | CSF | Other |
|---|---|---|---|---|
| Male | 200/400 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |
| Female | 200/400 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |
| Children | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |

### Panic values

| Group | Serum | Urine | CSF | Other |
|---|---|---|---|---|
| Male | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |
| Female | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |
| Children | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 | 0.000/0.000 |