

ASPARTATE AMINOTRANSFERASE (AST)

Continuous-spectrophotometric
IFCC

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.

Instrument: **AEROSET**

Reagent preparation

Working Reagent: Pour the contents of the Reagent B into the Reagent A bottle. Mix gently.
Stable for 2 months at 2-8°C.

Instrument settings

| | | | |
|---|-----------|-------------------------|----------|
| OUTLINE | | <u>Dil. 2</u> | |
| Test Name | AST | S. Vol. | 10.0 |
| Assay # | | DS. Vol. | 5 |
| Line | A | D. Vol. | 40 |
| Linear low | 1.0 | W. Vol. | 0 |
| Min. | 1.0 | Diluent | Saline |
| Reference low | 2.0 | Reagent 1 | 200 |
| Reference high | 42 | W. Vol | 0 |
| Max. | 5000 | Reagent 2 | 0 |
| Linear high | 500 | W. Vol | 0 |
| | | Factor | 1.0 |
| BASE | | Intercept | 0.0 |
| Reaction mode | Rate down | Decimal places | 1 |
| Primary Wavelength | 340 | Units | U/L |
| Secondary Wavelength | -- | | |
| Main read time | 7-17 | CALIBRATION | |
| Flex read time | 3-8 | <u>Calibration mode</u> | Factor |
| Abs. Max. Var. | N/A | Factor | -4412 |
| Linearity % | 10 | Use cal. Factors from | N/A |
| Sample Blank Test | N/A | Interval | 720 Hrs. |
| Blank read time | 0 | Blank/cal. Replicates | 3/0 |
| Abs. Limits | 0.2-2.0 | Blank | Water |
| Sample volume (µL) | 10.0 | S. Vol | 10.0 |
| DS. Vol | 0 | DS. Vol | 0 |
| D. Vol | 0 | D. Vol | 0 |
| W. Vol | 0 | W. Vol | 0 |
| <u>Dil. 1</u> | | C1 C2 | -- |
| S. Vol. | 5.0 | S. Vol | 0 |
| DS. Vol. | 0 | DS. Vol | 0 |
| D. Vol. | 0 | D. Vol | 0 |
| W. Vol. | 0 | W. Vol | 0 |
| (*) Enter the value of the calibrator | | | |
| (**) Enter the position of the calibrator | | | |