

ASPARTATE AMINOTRANSFERASE (AST/GOT)

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: **ILAB 600 (=SHIMADZU CL-8000 / TBA-60FR)**

Reagent preparation

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

Instrument settings

TEST NAME	AST
SAMPLE TYPE	Serum
UNITS. DECIMAL POINTS	U/L 0
CYCLE	Standard
TYPE/MEASURE POINTS	Rate 4 12
PHOTO.PRIM/SEC	1 340
WAVELENGTHS	
<i>SAMPLE VOLUME AND DILUTION</i>	
1 ST SAMPLE SAMPLE/DILUENT	20 / 0 / 0
2 ND SAMPLE SAMPLE/DILUENT	10 / 0 / 0
DILUENT CODE	Water
<i>REAGENT VOLUME</i>	
R1 CODE	*
REAGENT VOL/DIL. VOL/MIX	200 0 *
STABILITY	60 days
R2 CODE	
REAGENT VOL/DIL. VOL/MIX	
STABILITY	
<i>LIMITS AND EVALUATION</i>	
MEASURING RANGE	0 / 500
REACTION	Negative
ABSORBTION LIMIT	Lower 800
SLOPE - OFF LIMITS	1.0 0.0
PROZONE JUDGE, LIMIT	Upper 50
<i>CALIBRATION</i>	
METHOD	1-Point
WDH/CUVE/STABILITY	3 Linear 60
CALIBRATOR/CONC	*
R-BLANK LIMIT	3500
ABW-CALIBRATOR	100
MIN SIGNAL	0
FACTOR	100
M-POINT CUVE FIT	50
R-BLANK	On

* Values Assigned by the operator

