

# ALANINE AMINOTRANSFERASE (ALT/GPT)

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

<b>OUTLINE</b>		<u>Dil. 2</u>	
Test Name	ALT	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	41	W. Vol	0
Max.	5000	Reagent 2	0
Linear high	500	W. Vol	0
<b>BASE</b>		Factor	1.0
Reaction mode	Rate down	Intercept	0.0
Primary Wavelength	340	Decimal places	1
Secondary Wavelength	--	Units	U/L
Main read time	7-17	<b>CALIBRATION</b>	
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			