

# ALKALINE PHOSPHATASE (ALP)

Continuous-spectrophotometric  
DEA BUFFER

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: **SATURNO 300 (=HUMASTAR 300, ANAQUIM 300)**

## 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

<b>GENERAL</b>			<b>FILTERS</b>	
Test Name		ALP-DEA	First	405
Meas. Unit		U/L	Second	0
Decimal		2	Bichromatic Factor	1
<b>REFERENCE</b>			<b>REACTION</b>	
	<b>Min</b>	<b>Max</b>	Type	Kinetic
Boy	0	270	Read Time	182
Girl	0	240	<b>CHECK ABSORBANCE (mAbs)</b>	
Age Limit	...		R. Blank (min)	-100
Male	0	270	R. Blank (max)	1200
Female	0	240	Substr. Dept Lim	400
Age Limit	...		<b>CALCULATION</b>	
Male	0	270	Factor	Multistandard
Female	0	240		-
<b>LINEARITY LIMIT</b>				*
690 U/L			Std. 1	-
<b>QUALITY CONTROL</b>			Std. 2	-
Repeat control every (hrs.)	...		Std. 3	-
<b>SAMPLE</b>			Std. 4	-
Voluma (µL)	6		Std. 5	-
Predil.ratio			Reag. Bias Subst	No
<b>REAGENTS</b>			<b>LINEAR CORRELATION</b>	
Features	<b>First</b>	<b>Second</b>	Intercept	0
Volumes (µL)	300	0	Slope	1
Incub. (sec.)	36	0		
Cooling	Yes	0		
Stabil. (hrs)	99	99		
Lot Number	...	...		
Bottles type	1	-		
ID First	...	...		
ID Second	...	...		
(...) Values entered by the operator (*) Enter the value of the calibrator				