

# APOLIPOPROTEIN B (Apo B)

Turbidimetry

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.

Instruments: **CX-4/5/7**

### Reagent preparation

Reagent 1: Use the Reagent A.

Reagent 2: Use the Reagent B.

### Instrument settings

Test Name	<b>APO B</b>	Calculation Factor	<b>0</b>
Reaction Type	<b>ENDPOINT 2</b>	Math Model	<b>1</b>
Reaction Direction	<b>POSITIVE</b>	Cal. Time Limit	<b>336 hr.</b>
Units	<b>mg/dL</b>	N° of Calibrators	<b>6</b>
Decimal Precision	<b>X</b>	Secondary Wavelength	<b>700 nm</b>
Primary Wavelength	<b>340 nm</b>		
Sample Volume	<b>3 µL</b>	<b>CALIBRATION</b>	<b>MULTIPOINT SPAN</b>
Primary Inject Reagent		N° 1	*
A:	<b>240 µL</b>	N° 2	*
B:		N° 3	*
Secondary Inject Reagent		N° 4	*
C:	<b>60 µL</b>	N° 5	*
Add Time	<b>432 sec.</b>	N° 6	*
<b>REAGENT BLANK</b>		<b>REACTION</b>	
Start Read	<b>352</b>	Start Read	<b>412</b>
End Read	<b>400</b>	End Read	<b>450</b>
Low ABS Limit	<b>-1.500</b>	Low ABS Limit	<b>-1.500</b>
High ABS Limit	<b>1.500</b>	High ABS Limit	<b>1.500</b>
<b>USABLE RANGE</b>		<b>SUBSTRATE DEPLETION</b>	
Lower Limit	<b>0</b>	Initial Rate	<b>99.999</b>
Upper Limit	<b>**</b>	Delta ABS	<b>1.500</b>
		* assigned standard value	
		** highest standard value	