

Enzymatic colorimetric cycling method

For the determination of Total Ketone Bodies (T-KB) and 3-Hydroxybutyrate (3-HB)

Ordering information

Product	Package	Code No.
Autokit Total Ketone Bodies R1 Set (Autokit T-KB R1 Set)	R1: 2 x 27 mL R1a: 2 x for 27 mL	415-73301
Autokit 3-HB R1 Set	R1a: 2 x 27 mL R1b: 2 x for 27 mL	417-73501
Autokit 3-HB R2 Set*	R1: 2 x 9 mL R1a: 2 x for 9 mL	413-73601
Ketone Body Calibrator • 300 (3-HB: 300 μ mol/L)	CAL: 4 x 5 mL	412-73791

* Use for T-KB and 3-HB determination

Autokit T-KB / Autokit 3-HB reagent preparation: according to packing insert.

Measuring Temperature 37°C

Beckman AU480

Reagent	T-KB / 3-HB
Specific test parameters	
Test No. / Name	*1
Sample	Serum
Sample Vol / Dil	1.6
Reagent 1 Vol / Dil	120 / 0
Reagent 2 Vol / Dil	40 / 0
Wave (Main / Sub)	410 / 600
Method	RATE
Reaction	+
Point 1 (1st / Lst)	14 / 19
Point 2 (1st / Lst)	
Limit value of linearity	30%
Lag-Time check	NO
Min OD / Max OD (L / H)	0.0000 / 1.5000
Reagent OD (1stL/1stH)	-2.0000 / 3.0000
LIMIT (LstL/LstH)	-2.0000 / 3.0000
Dynamic range (L / H)	
Correction Factor (A / B)	1.00000 / 0.00000
Calibration Parameters	
Calibration Type	AB
Formula	Y=AX+B
Cuvettes	
Process	conc.
Calibrator	Cal# - OD-Conc-Factor
Point 1	*2* [] *3 -9999999/9999999
Point 2	* - [] - * -
Point 3	* - [] - * -
Point 4	* - [] - * -
Point 5	* - [] - * -
Point 6	
Point 7	
1 Point Cal Point	
MB Type Factor	

*1 : To be inserted by the user.

0605OSG

*2 : Input the position of the calibrator

*3 : Input concentration of the calibrator