

**KONELAB**
**CK-MB**
**(Creatine Kinase - MB)**
**opt. DGKC / IFCC**

Diagnostic reagent for quantitative in vitro determination of creatine kinase (CK-MB) in human serum on photometric systems

REF	Cont.				
<b>D00589</b>	<b>5 x 25 ml</b>	4 x 25 ml	Reagent 1	<b>1000 tests/kit</b>	
		1 x 25 ml	Reagent 2		
<b>DK0718*</b>	<b>5 x 50 ml</b>	4 x 50 ml	Reagent 1	<b>2000 tests/kit</b>	
		1 x 50 ml	Reagent 2		

\* Konelab System Pack

Additionally offered (optional):

D98481	12 x 5 ml	Control normal	Diacon N
D98482	12 x 5 ml	Control abnormal	Diacon P
D05391	1 x 5 mL	CK-MB Supplement	

(to double the photometer signal especially for manual performance)

**1. Reagent preparation**

Reagent CKMB1: Mix 4 parts R1 with 1 part R2

**2. Instrument settings:**

Temperature: 37 °C

Test Definition:			
Test type	Photometric		
Full name	<b>CK-MB</b>		
On line name	<b>CKMB</b>		
Result unit	<input type="text" value="U/l"/>		
Number of decimals	<input type="text" value="0"/>		
Acceptance	<input type="text" value="AUTOMATIC"/>		
Dilution 1 +	<input type="text" value="0"/>		
Sample type	<input type="text" value="Serum/plasma"/>		
Test in use	<input type="text" value="YES"/>		
Test Limit	<input type="text" value="22"/>	High <input type="text" value="2500"/>	Units <input type="text" value="U/l"/>
Initial Absorbance	<input type="text" value="0"/>	<input type="text" value="1.5"/>	<input type="text" value="A"/>
Dilution limit	<input type="text" value="0"/>	<input type="text" value="500"/>	<input type="text" value="U/l"/>
Secondary dil. 1 +	<input type="text" value="0"/>	<input type="text" value="4"/>	
Correction factor	<input type="text" value="1.00"/>		
Correction bias	<input type="text" value="0.00"/>		
Calibration parameters			
Calibration type	<input type="text" value="NONE"/>		
Factor	<input type="text" value="8156**"/>	Bias	<input type="text" value="0"/>
Bias corr.in use	<input type="text" value="NO"/>		
Manual QC in use	<input type="text" value="NO"/>		
Routine QC in use	<input type="text" value="NO"/>		

Test flow			
Blank	<input type="text" value="NO"/>	Antigen excess	<input type="text" value="NO"/>
Reagent 1	<input type="text" value="CKMB1"/>		
Reagent volume (µl)	<input type="text" value="120"/>		
Disp with	<input type="text" value="EXTRA"/>	Volume(µl)	<input type="text" value="20"/>
Wash reagent	<input type="text" value="None"/>		
Sample Volume (µl)	<input type="text" value="6"/>		
Disp with	<input type="text" value="EXTRA"/>	Volume(µl)	<input type="text" value="12"/>
Dilution with	<input type="text" value="WATER"/>		
Wash Reagent	<input type="text" value="None"/>		
Incubation Time (sec)	<input type="text" value="300"/>		
	λ 1 (nm)	<input type="text" value="340"/>	λ 2 (nm) <input type="text" value="None"/>
Curve type	<input type="text" value="LINEAR"/>		
Nonlinearity			
	Conc. (U/L)	<input type="text" value="10"/>	
	Time (sec)	<input type="text" value="240"/>	
Nonlinearity Limits	Point & Inter		
	<input type="text" value="9/27"/>		
Percent	<input type="text" value="15%"/>		

#) Data entry by the user

\*\*) Factor must be checked by a calibration serum

**Reagent ID:**
**R1: 718**
**R2: 818**
[www.trionmed.ru](http://www.trionmed.ru)
[www.trionmed.com](http://www.trionmed.com)

Dialab -

[www.kuban-pm.ru](http://www.kuban-pm.ru)
**NOTE:** These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing the tests.