

**KONELAB**

**MAGNESIUM**

Xylidyl blue with ATCS

Diagnostic reagent for quantitative in vitro determination of magnesium in human serum, plasma, cerebrospinal fluid or urine on photometric systems

**REF**                      **Cont.**

<b>D01243</b>	<b>5 x 100 ml</b>	Single Reagent	<b>2500 tests/kit</b>
<b>D01245</b>	<b>5 x 50 ml</b>	Single Reagent	<b>1250 tests/kit</b>
<b>DK0736*</b>	<b>5 x 50 ml</b>	Single Reagent	<b>1250 tests/kit</b>

\* Konelab System Pack

Additionally offered:

D95339	1 x 3 ml	Magnesium Standard	
D98485	5 x 3 ml	Calibrator	Diacal Auto
D98481	12 x 5 ml	Control normal	Diacon N
D98482	12 x 5 ml	Control abnormal	Diacon P

**1. Reagent preparation**

The reagents are ready to use.

**2. Instrument settings:**

Temperature: 37 °C

<b>Test Definition:</b>			
Test type	Photometric		
Full name	<b>Magnesium</b>		
On line name	<b>Mag</b>		
Result unit	<input type="text" value="mg/dl"/>		
Number of decimals	<input type="text" value="1"/>		
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	Low	High	Units
	<input type="text" value="0.00"/>	<input type="text" value="5.1"/>	<input type="text" value="mg/dl"/>
Initial Absorbance	<input type="text" value="0.0"/>	<input type="text" value="2.5"/>	<input type="text" value="A"/>
Dilution limit	<input type="text" value="*"/>	<input type="text" value="3.0"/>	<input type="text" value="mg/dl"/>
Secondary dil. 1 +	<input type="text" value="0"/>	<input type="text" value="2"/>	
Correction factor	<input type="text" value="1.00"/>		
Correction bias	<input type="text" value="0.00"/>		
<b>Calibration parameters</b>			
Calibration type	<input type="text" value="LINEAR"/>		
Repeat time (d)	<input type="text" value="0"/>		
Point/Calibrator	<input type="text" value="2"/>		
Acceptance	<input type="text" value="MANUAL"/>		
Type of calibrator	<input type="text" value="SEPARATE"/>		

Calibrator id.	<input type="text" value="WATER/CAL"/>		
Concentration	<input type="text" value="#"/>		
Bias corr.in use	<input type="text" value="NO"/>		
Abs. Error (mA)	<input type="text" value="*"/>		
Rel. Error (%)	<input type="text" value="*"/>		
Response limit	Min	Max	
	<input type="text" value="*"/>	<input type="text" value="*"/>	
<b>Test flow</b>			
Blank	<input type="text" value="YES"/>	Antigen excess	<input type="text" value="NO"/>
Reagent	<input type="text" value="MAG"/>		
Reagent volume (µl)	<input type="text" value="200"/>		
Disp with	<input type="text" value="EXTRA"/>	Volume(µl)	<input type="text" value="20"/>
Incubation	Time (sec.)		<input type="text" value="180"/>
Measurement	Endpoint		
	Resp min (A)	Resp max (A)	
Blank	<input type="text" value="*"/>	<input type="text" value="*"/>	
Sample Volume (µl)	<input type="text" value="2"/>		
Disp with	<input type="text" value="WATER"/>	Volume(µl)	<input type="text" value="20"/>
Dilution with	<input type="text" value="WATER"/>		
Incubation Time (sec)	<input type="text" value="180"/>		
	λ 1 (nm)	<input type="text" value="510"/>	λ 2 (nm) <input type="text" value="0"/>
Res. Net Abs	<input type="text" value="0"/>		
Meas. type	<input type="text" value="Fixed timing"/>		

#) Data entry by the user  
 \*\*) Factor must be checked by a calibration serum

**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.