

## Calibrator 80 / Calibrator 60

REF CA-DEX-0080  
REF CA-DEX-0060



Manufacturing Batch code: as shown in the bottle packaging

Use by Expressed: as shown in the bottle packaging  
For *In Vitro* Diagnostic & Professional Use

### Intended Use

It's use to determine the accuracy and validity of the instrument, Magnetic Immunoassay Analyzer (XacPro-S).

### Special instrumentation requirement

Magnetic Immunoassay Analyzer (XacPro-S)

### Principles of Test

Calibrator 80 / Calibrator 60 are calibrated as Magnetic Immunoassay Analyzer (XacPro-S). Detection principle for magnetic beads in the external magnetic field generated by the ac magnetic signal( $\chi_{ac}$ ).<sup>1</sup>

### Storage & Stability

Storage the product at 4°C, the shelf life is 6 months.

Please eye check whether there is some precipitation in the tube of Calibrator 80 / Calibrator 60 by inverting the tube. Do not use the reagent when it has something precipitated.

Please refer to the detail expiration date on the product label.

**CAUTION:** Do not use Calibrator 80/Calibrator 60 beyond the expiration date.

**CAUTION:** Do not be frozen.

### Statement of Warnings



#### BIOHAZARD

All products or objects that come in contact with human or animal body fluids should be handled, before and after cleaning, as if capable of transmitting infectious diseases. Wear facial protection, gloves, and protective clothing.

Safety Data Sheet is available at [www.magqu.com](http://www.magqu.com).

1. Do not be frozen.
2. Please keep away from events with strong magnetism.
3. For *in vitro* diagnostic use only.
4. For professional use only.
5. Do not use the Calibrator 80 / Calibrator 60 when it has left from 2 to 8 °C (35.6 to 46.4 °F) environment out over 24 hours.

6. Do not use the Calibrator 80 / Calibrator 60 when it has something precipitated.
7. Immediately after use Calibrator 80 / Calibrator 60 should be returned to cold storage (2 to 8 °C).
8. Do not use Calibrator 80 / Calibrator 60 beyond the expiration date printed on the vial.

### Preparation

For use with the Calibrator 80 / Calibrator 60 at room temperature (15-30°C).

### Procedure

#### Material supplied

Calibrator 80 / Calibrator 60

#### Materials required but not supplied

Magnetic Immunoassay Analyzer (XacPro-S)  
Sample testing tubes  
Transfer pipettes





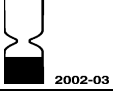


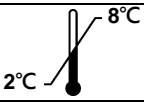




1. Add 120  $\mu$ L of Calibrator 80 / Calibrator 60 to sample testing tube.
2. Insert the sample testing tube into the measuring channels of Magnetic Immunoassay Analyzer (XacPro-S).
3. Process the measurement according to the user's manual of Magnetic Immunoassay Analyzer (XacPro-S).
4. Complete the calibration.

### References

1. C. C. Yang, S.Y.h Yang, J.J. Chieh, H.E. Horng, C.Y. Hong, H.C. Yang, K.H. Chen, B.Y. Shih, T.F. Chen, and M.J. Chiu, "Biofunctionalized magnetic nanoparticles for specifically detecting biomarkers of Alzheimer's disease in vitro", *ACS Chem. Neurosci*, 2: 500 (2011).

Glossary/symbol definition :

The following symbols may appear on the label or on the outer packaging.

SYMBOL	DESCRIPTION
	Caution, refer to accompanying documents
	Batch code
	Catalogue number,
	Content
	Use by Expressed as: CCYY-MM-DD
	Biological risk
	Consult instructions for use.
	Temperature limitation
	Authorized representative in the EU/EC.
	In Vitro diagnostic medical device
	Manufacturer
	Do not use if package damaged



Manufacturer

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