

ARK™ Levetiracetam Calibrator

This ARK Diagnostics, Inc. package insert for the ARK Levetiracetam Calibrator must be read carefully prior to use. Package insert instructions must be followed accordingly. Reliability of the assay results cannot be guaranteed if there are any deviations from the instructions in this package insert.

Customer Service













48089 Fremont Blvd
Fremont, CA 94538 USA
Tel: 1-877-869-2320
Fax: 1-510-270-6298
customersupport@ark-tdm.com
www.ark-tdm.com



Emergo Europe
Molenstraat 15
2513 BH The Hague
The Netherlands
Tel: (31) (0) 70 345-8570
Fax: (31) (0) 70 346-7299


Key to Symbols Used

	Batch code	 YYYY-MM-DD	Use by/Expiration date
	Catalog Number		Manufacturer
	Authorized Representative		CE Mark
	In Vitro Diagnostic Medical Device		Temperature limitation
	Consult Instructions for Use		Calibrator

1 Name

ARK™ Levetiracetam Calibrator

2 Intended Use

ARK Levetiracetam Calibrator is intended for use in calibration of the ARK Levetiracetam Assay,  5024-0001-00.

3 Content

ARK Levetiracetam Calibrator is comprised of a synthetic protein matrix with the following concentrations of levetiracetam:

REF	Product Description	Quantity/Volume
5024-0002-00	ARK Levetiracetam Calibrators Levetiracetam, buffer, bovine serum albumin, and preservatives	Dropper vials
	A	0.0 µg/mL
	B	5.0 µg/mL
	C	12.5 µg/mL
	D	25.0 µg/mL
	E	50.0 µg/mL
	F	100.0 µg/mL

4 Standardization

There is no internationally recognized standard for levetiracetam. ARK Levetiracetam Calibrators are prepared by gravimetric dilution of high purity levetiracetam into a synthetic proteinaceous matrix free of levetiracetam.

5 Warnings and Precautions

- For *In Vitro Diagnostic* Use.
- Do not mix calibrators from different lot numbers.
- Use each lot as a set.

6 Instructions For Use

- For a complete summary and explanation of the levetiracetam assay, refer to the package insert for the ARK Levetiracetam Assay.
- Calibrators are ready to use. Mix each level by gentle inversion before dispensing.
- Squeeze sufficient volume (~40µL/drop) into individual sample cups for each level. Consult instrument-specific sample volume requirements. Return caps to their original containers and keep tight.
- Store at 2–8°C. Use prior to the expiration date.

7 Procedure

Calibration

Perform a full calibration (6- point) procedure; test calibrators in duplicate. Verify the calibration curve with at least two levels of quality controls according to the established laboratory quality assurance plan.

When to Re-Calibrate

- Whenever a new lot number of reagents is used
- Whenever indicated by quality control results
- Whenever required by standard laboratory protocols

8 Limitations of Procedure

Accurate and reproducible results are dependent upon properly functioning instruments, reagents, calibrators, controls, storage of product as directed, and good laboratory technique.

9 Trademarks

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