



# ARK™ Methotrexate Control

This ARK Diagnostics, Inc. package insert for the ARK Methotrexate Control 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.

Report any serious incident that has occurred in relation to the device to the manufacturer and the appropriate competent authority as applicable. A Summary of Safety and Performance is available through Eudamed (European database on medical devices), SRN: US-MF-000023925.

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## Key to Symbols Used

	Batch code	 YYYY-MM-DD	Use by/Expiration date
	Catalog Number		Manufacturer
	Authorized Representative		CE Mark with notified body number
	In Vitro Diagnostic Medical Device		Temperature limitation
	Consult Instructions for Use		Quality Control
<b>Rx Only</b>	For Prescription Use Only		

## 1 Name

### ARK<sup>TM</sup> Methotrexate Control

## 2 Intended Use

ARK Methotrexate Control is intended for use in quality control of the ARK Methotrexate Assay.

## 3 Content

ARK Methotrexate Control is comprised of a synthetic protein matrix with the following concentrations of Methotrexate:

REF	Product Description	Quality Control
<b>5026-0003-00</b> Complete Set	<b>ARK Methotrexate Control* (2 mL)</b> Methotrexate, buffer, bovine serum albumin, and preservatives (nominal level)	Expected Range (µmol/L)
<b>5026-0003-01</b> Calibration Range Controls <sup>1</sup>	<b>LOW</b> (0.07 µmol/L)	0.05 – 0.09
	<b>MID</b> (0.40 µmol/L)	0.30 – 0.50
	<b>HIGH</b> (0.80 µmol/L)	0.60 – 1.00
<b>5026-0003-02</b> High Range Controls <sup>2</sup>	<b>5</b> µmol/L	3.75 – 6.25
	<b>50</b> µmol/L	37.50 – 62.50
	<b>500</b> µmol/L	375.00 – 625.00

\*To convert results from µmol/L Methotrexate to µg/mL Methotrexate, divide µmol/L by 2.2005. Methotrexate levels become 0.0318, 0.1818, 0.3636, 2.272, 22.72, and 227.2 µg/mL respectively.

Each laboratory should establish its own ranges for each new lot of controls.

<sup>1</sup> Calibration range controls may be obtained separately as a set, **REF** 5026-0003-01.

<sup>2</sup> High range controls may be obtained separately as a set, **REF** 5026-0003-02.

## 4 Warnings and Precautions

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

## 5 Instructions For Use

- For a complete summary and explanation of the Methotrexate assay, refer to the package insert for the ARK Methotrexate Assay.
- Controls are ready to use. Mix each level by gentle inversion before dispensing.
- High range controls must be diluted prior to testing.
- 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 vials at 2-8°C. Once opened, use within 12 months and prior to the expiration date.

## 6 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.

## 7 Trademarks

**ARK<sup>TM</sup>** is a trademark of ARK Diagnostics, Inc.

Other brand or product names are trademarks of their respective holders.



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