

MagPlex™ Classification Calibrator Microspheres

Summary and Intended Use

MagPlex Classification Calibrator Microspheres (MCAL1) is polystyrene microspheres that are internally labeled with fluorescent dyes. They serve as system Calibrators for xPONENT™ Systems capable of analyzing MagPlex Microspheres and are intended to normalize the settings for both classification channels (CL1, CL2) and the doublet discriminator channel (DD). This product is not intended to be used in place of the assay calibrators that are required to verify the proper function of a given assay. Note: This product should not be handled magnetically.

Ingredients

MagPlex Classification Calibrator is provided in a phosphate buffer containing bovine serum albumin as a stabilizer, Tween 20® as a surfactant and sodium azide as a preservative.

Volume	5mL
Number of Uses	Approximately 25

Safety Precautions

- Sodium azide is used as a preservative. Sodium azide is a poison and may be toxic if ingested or absorbed through the skin or eyes. Sodium azide may react with lead or copper plumbing to form potentially explosive metal azides. Flush sinks, if used for reagent disposal, with large volumes of water to prevent azide build-up.
- Although this product does not contain hazardous or carcinogenic components at toxic levels, it may be toxic if swallowed. Contact with acids liberates toxic gases. If product comes in contact with skin, wash immediately with copious amounts of water. In case of accident or if you feel unwell, seek medical advice immediately and show this product label or container to your medical provider. Material Safety Data Sheet available upon request.

Limitations

Microspheres do not contain magnetic properties.
 Microspheres are ready to use. Do not wash, concentrate or dilute.
 Minimize exposure to light to maintain product integrity.

Product Storage

Store the container upright in the original shipping box to protect the microspheres from light. Store at 2°C to 8°C. Avoid freezing.

Procedure

Remove the product from 2°C to 8°C storage. Gently vortex or invert the container to ensure homogeneity. Open bottle by unscrewing and removing the cap. Invert the bottle such that it is perpendicular to the plate or tube surface and squeeze to dispense fluid from the dropper tip. Single usage is at least 5 drops (approximately 185 µL). **Do not dilute the product.** Refer to the instrument user manual for the calibration procedure and for complete instructions. Refer to the Certificate of Quality included with each shipment for lot specific values or refer to the Luminex website: <http://luminexcorp.custhelp.com>. When through using product, secure the container and return it to storage.

Note: Product Information Sheets are available in other languages upon request. Contact technical support for information or access on website at <http://luminexcorp.custhelp.com>. Then, using the Search feature, search for the desired product information sheet.



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For technical support:

Call: 877-785-2323 (U.S. and Canada)
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To order more product:

Email: orders@luminexcorp.com or
 Fax: 512-219-0544 or
 Luminex web page: www.luminexcorp.com
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Product No.
 MCAL1-05 MagPlex Classification Calibrator



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