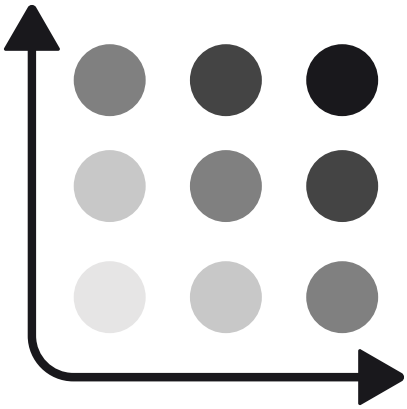
Datasheet

EYRAbeads (E4)

Product code 5150-E4-16



Intended use

EYRAbeads are intended for the conjugation of antibodies and other proteins for use in custom multiplex assays. They are suitable for use in multiplex immunoassays or serology testing with Mabtech EYRA™ or flow cytometry. For research use only. Not for use in diagnostic procedures.

Description

- EYRAbeads are 8 µm paramagnetic, dual-dyed microspheres designed for multiplex analysis.
- Each bead ID is defined by a unique ratio of two fluorescent small-molecule dyes (APC and APC-Cy7 equivalents), enabling simultaneous detection of multiple analytes within a single sample.
- The bead surface is functionalized with carboxyl groups, allowing covalent coupling of antibodies or other proteins via carbodiimide chemistry.
- EYRAbeads are light sensitive: minimize light exposure during handling and assay setup.

Product details

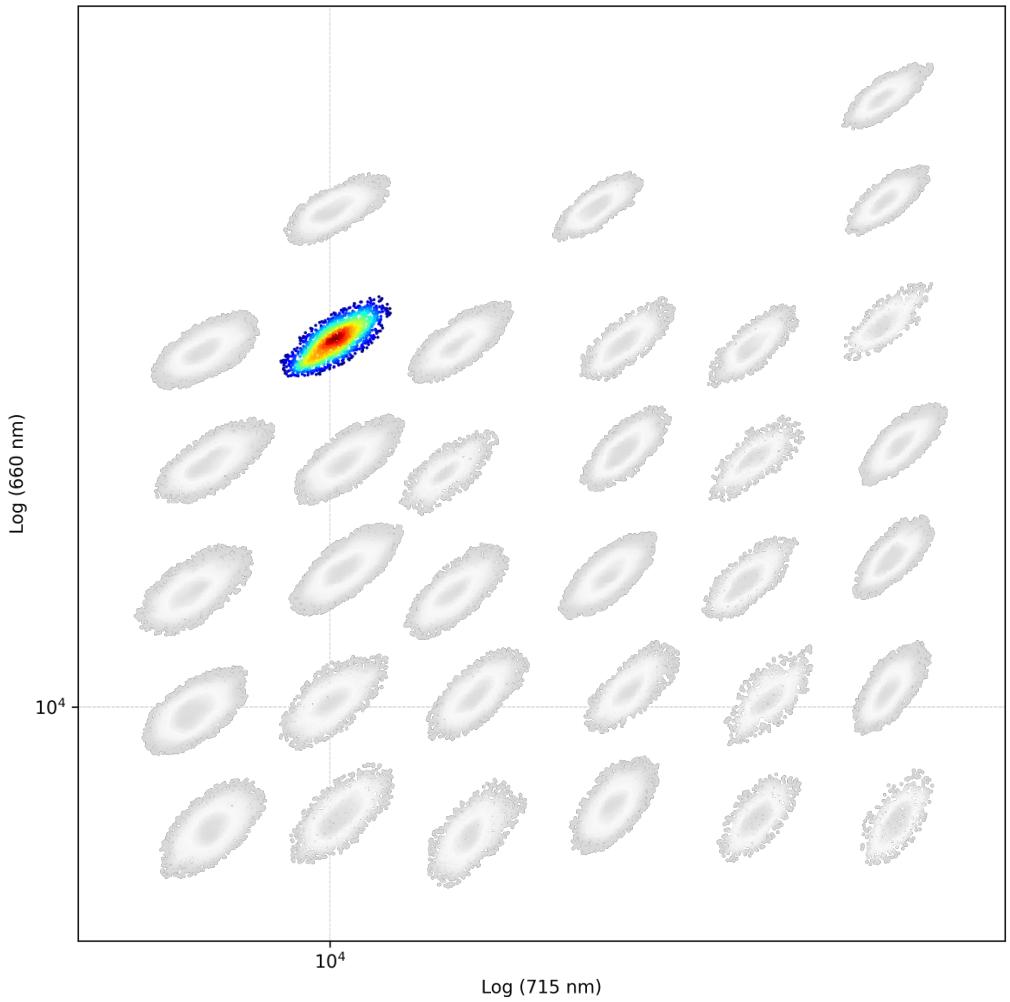
Product	EYRAbeads (E4)
Application	Bead-based multiplex
Bead ID	E4
Bead type	Paramagnetic polymer
Bead dye	APC and APC-Cy7 spectral equivalents
Bead size	8 µm
Surface chemistry	Carboxyl
Quantity	16 million beads
Concentration	20 million/ml
Supplied in	Deionized water with Tween and 0.0014% Kathon

The vial has been overfilled to ensure recovery of the stated quantity.

Shipping and Storage

Shipping	Shipped at ambient temperature
Storage	Store product at 4-8°C.

Bead ID plot



Note:
For research use only. Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.