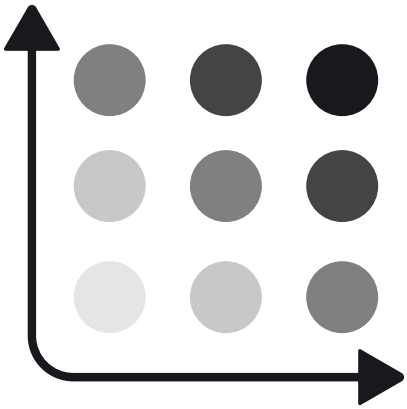
Datasheet

# EYRAbeads (E7)

Product code 5150-E7-16



## 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

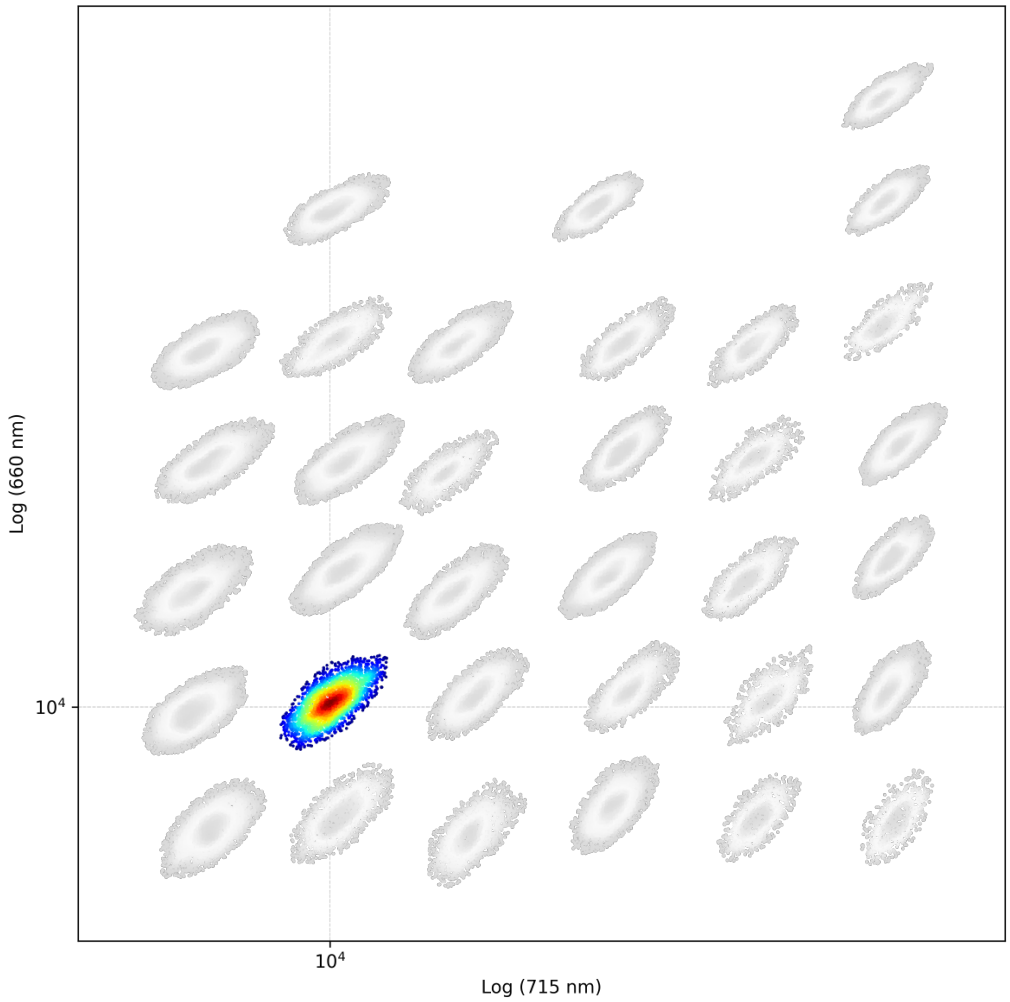
| | |
|---|---|
| **Product** | EYRAbeads (E7) |
| **Application** | Bead-based multiplex |
| **Bead ID** | E7 |
| **Bead type** | Paramagnetic polymer |
| **Bead dye** | APC and APC-Cy7 spectral equivalents |
| **Bead size** | 8 µm |
| **Surface chemistry** | Carboxyl |
| **Quantity** | 16 million beads |
| **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.