

DATA SHEET

Versions: 01

Revision date: 26/02/2024

1. Identification

Product name: HRP-Streptavidin Conjugate

Volume: 1 mg

Cat. No.: MB7403

2. Description

General characteristics	
Description	Streptavidin-HRP for use with biotinylated detection antibodies in ELISAs and Western Blotting.
Biological activity	Binds to Biotin. Dissociation constant has not been measured.
Species	Streptomyces avidin
Purity/Purification	> 95 % SDS-PAGE Chromatographically pure, a single band by SDS-PAGE. Streptavidin-HRP was prepared from chromatographically purified streptavidin.
Streptavidin structure	The protein is free of carbohydrate. The four subunits consisting of molecular weight of approx. 16,000 Da, each containing a single biotin-binding site. Each subunit has six tyrosine residues.
Preparation	For use in ELISAs, dilute 1:5000-1:15000 in an appropriate diluent. Use the diluted reagent within 60 minutes
Storage	Stable for up to 3 months after opening when stored at 2-8 °C. For long term storage, store at -20~-70 °C

3. Kit Contents

Component	Cat. no	Quantity
HRP-Streptavidin Conjugate	MB7403	1 mg

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4. Storage specifications

Store at +4°C for short term (1-2 weeks). Store at -20°C or -80°C for long term (1-2 year). Avoid freeze / thaw cycle.

5. Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

6. Assay Procedure

None

7. Safety

Please wear gloves when using this product. Avoid all skin contact with kit reagents. In case of contact, wash thoroughly with water.

8. Quality Certifications

None

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9. Further information

- Replacement or refund for products not performing as stated on data sheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement.

- This product is developed, designed, and sold exclusively only for research purposes use.
- The product was not tested for use in diagnostics or for drug development.
- It is not suitable for administration to humans or animals.

10. Other antibodies

monoclonal antibodies

Anti-CD3
Anti-CD9
Anti-CD9A
Anti-CD34
Anti-CD44
Anti-CD63A
Anti-CD69
Anti-CDX2
Anti-Her2
Anti-Oct4
Anti-Nanog
Anti-Nestin antibody
Anti-Toxoplasma gondii
Anti-Vimentin
Anti-c-Kit
Anti-Ferritin
Anti-Ki67

polyclonal antibodies

Anti-Human IgA
Anti-Human IgD
Anti-Human IgE
Anti-Human IgG
Anti-Nanog
Sheep IgG
Sheep anti-Mouse Ig
Goat Anti-Human IgG
Goat Anti-Human IgM
Goat Anti-Rabbit IgG
Goat Anti-Mouse IgG
Mouse IgG2a
Anti-beta Actin
anti-CD133
Rabbit IgG (Isotype Control)
anti-CD133 (FITC)

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Mouse antibody

Anti-beta Actin

Mouse IgG1 (Isotype Control)

Mouse IgG (Isotype Control)

Second antibodies

Sheep Anti-Rabbit Ig

Sheep Anti-Mouse IgG

Goat Anti-Rabbit IgG

Goat Anti-Mouse IgG

Streptavidin

Anti-beta Actin antibody

Rabbit Anti-Sheep Ig Antibody

Rabbit Anti-Mouse IgG2a

Rabbit Anti-Mouse IgG2b

Rabbit Anti-Mouse IgG3

Rabbit Anti-Human IgG

Rabbit Anti-Mouse IgG

Goat Anti-Human IgG

Sheep Anti-Rabbit IgG (FITC)

Sheep Anti-Mouse IgG (FITC)

Goat Anti-Rabbit IgG (FITC)

Goat Anti-Human IgG (FITC)

Goat Anti-Mouse IgG (FITC)

Goat Anti-Mouse IgG (PE)

NOTE

All products have been manufactured by Tose zist fanavar Mellat Company in the Iran