

## **Ancillary reagents for ELISA Kits**

This manual must be read thoroughly before using this product.

If you have any problems, please contact our Technical Service Center for help (information in the header of each page).

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Website: [www.elabscience.com](http://www.elabscience.com)

Please refer to specific expiry date from label on the bottle.

Kindly provide us with the lot number (on the label) of the product for more efficient service.

Catalog No./Product name	<b>E-ELIR-001 ELISA Plate Coating Buffer(1 ×)</b>
Specifications	100mL, 1000mL
Description	Ready to use. For ELISA plate coating with antigen or antibody, can reduce the coating concentration for antigen or antibody significantly.
Method for use	Use this product to dilute the antigen or antibody to an appropriate concentration for coating. Dosage of coating buffer can be determined by end users depending on their own coating process.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-002 ELISA Plate Coating Buffer(5 ×)</b>
Specifications	100mL, 1000mL
Description	5 × coating buffer. For ELISA plate coating with antigen or antibody, can reduce the coating concentration for antigen or antibody significantly.
Method for use	Prepare the 1 × working coating buffer with double distilled water. Use the working buffer to dilute the antigen or antibody to an appropriate concentration for coating. Dosage of coating buffer can be determined by end users depending on their own coating process.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-003 ELISA Plate Blocking Buffer</b>
Specifications	100mL, 1000mL
Description	Ready to use. For ELISA plate blocking after finishing the coating process.
Method for use	<ol style="list-style-type: none"> <li>1. After ELISA plate coating process, add 150-300μL blocking buffer to each well for blocking.</li> <li>2. The blocked plate can be used for further applications.</li> <li>3. For future use, dry the blocked plate and put them to a bag with desiccant and seal up the bag, keep at 2-8°C.</li> </ol>
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-004 Wash Buffer for Sandwich-ELISA(25 ×)</b>
Specifications	100mL, 1000mL
Description	25 × wash buffer. For washing during ELISA assay. This wash buffer is suitable for sandwich-ELISA.
Method for use	Prepare the 1 × working wash buffer with deionized water before use, discard the solution from each micro plate well, then add about 350μL

	working wash buffer to the wells, soak for 1-2 minutes, aspirate or decant the solution from each well and pat dry against clean absorbent paper.
Storage conditions	2-8°C, 12 months Note: If there is crystal formation in the concentrate, warm it in a 40°C water bath and mix it gently until the crystals have completely dissolved.

Catalog No./Product name	<b>E-ELIR-005 Wash Buffer for Competitive-ELISA(25×)</b>
Specifications	100mL, 1000mL
Description	25× wash buffer. For washing during ELISA assay. This wash buffer is suitable for competitive-ELISA.
Method for use	Prepare the 1× working wash buffer with deionized water before use, discard the solution from each micro plate well, then add about 350µL working wash buffer to the wells, soak for 1-2 minutes, aspirate or decant the solution from each well and pat dry against clean absorbent paper.
Storage conditions	2-8°C, 12 months Note: If there is crystal formation in the concentrate, warm it in a 40°C water bath and mix it gently until the crystals have completely dissolved.

Catalog No./Product name	<b>E-ELIR-006 Stop Solution</b>
Specifications	100mL, 1000mL
Description	Ready to use. To stop the color reaction in ELISA assay. The main component is 1M sulfuric acid.
Method for use	Add about 50µL to each well for use.
Storage conditions	Room temperature, 12 months Note: Wear suitable equipment to protect from contacting this reagent directly.

Catalog No./Product name	<b>E-ELIR-007 HRP-conjugate Stabilizer</b>
Specifications	10mL, 100mL, 500mL
Description	Ready to use. Improve the stability of HRP conjugate effectively.
Method for use	Add this reagent to HRP conjugate and make it over 90% of the mixture, then it can be stable at 2-8°C for 6 months and at -20°C for 12 months.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-008 HRP-conjugate Diluent</b>
Specifications	100mL, 1000mL
Description	Ready to use. Use this diluent for HRP conjugate working solution preparation.
Method for use	Dilute the concentrated HRP conjugate to 1×HRP conjugate working solution by this product for ELISA assay.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-009 Biotinylated Antibody Stabilizer</b>
Specifications	10mL, 100mL, 500mL
Description	Ready to use. Improve the stability of biotinylated antibody effectively.
Method for use	Add this reagent to biotinylated antibody and make it over 90% of the mixture, then it can be stable at 2-8°C for 6 months and at -20°C for 12 months.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-010 Biotinylated Antibody Diluent</b>
Specifications	100mL, 1000mL
Description	Ready to use. Use this diluent for biotinylated antibody working solution preparation.
Method for use	Dilute the concentrated biotinylated antibody to 1×biotinylated antibody working solution by this product for ELISA assay.
Storage conditions	2-8°C, 12 months

Catalog No./Product name	<b>E-ELIR-011 Sample Diluent</b>
Specifications	100mL, 1000mL
Description	Ready to use. Use this diluent for sample dilutions, can reduce the matrix effect significantly.
Method for use	Dilute tested samples to an appropriate dilution for ELISA assay. Suitable sample types: serum, plasma, urine, saliva, tissue homogenate, cell lysate, cell culture supernatant etc.
Storage conditions	2-8°C, 12 months