

# Antibody Pair Support Pack 1

LS-K1087-5, -10 (5 or 10 Plates) • See Storage Conditions Below



## Introduction

LSBio's Antibody Pair Support Pack 1 is intended to be used in conjunction with select antibody pairs for Sandwich ELISA preparation. This support pack provides sufficient reagents for preparation of 5 or 10 sandwich ELISA kit plates. All reagents should be used at room temperature. For research use only. Intended for use by laboratory professionals.

## Components

Component	LS-K1087-5	LS-K1087-10
Coating Buffer	1 bottle of powder	1 bottle of powder
Blocking Buffer	1 bottle of powder	1 bottle of powder
Standard Diluent	1 bottle of powder	1 bottle of powder
Detection Antibody Diluent	1 bottle of powder	1 bottle of powder
HRP-Streptavidin Diluent	1 bottle of powder	1 bottle of powder
HRP-Streptavidin	1 bottle x 0.6 mL	1 bottle x 1.2 mL
Wash Buffer	1 bottle of powder	2 bottles of powder
Substrate Solution	1 bottle x 48 mL	2 bottles x 48 mL
Stop Solution	1 bottle x 30 mL	2 bottles x 30 mL

## Storage Conditions and Reagents Preparation

- HRP-Streptavidin should be stored at -20°C. All other components should be stored at 4°C and are valid for 6 months after date of receipt. Store diluted (reconstituted powder) or working solutions at 4°C for up to one week.

## Reagent Preparation

**Coating Buffer:** Used for coating antibody on the wells of 96-well strip plate. Prepare a working solution by diluting the Coating Buffer powder with 220 mL of deionized or distilled water prior to the experiment.

**Blocking Buffer:** Used for blocking of non-specific binding sites of the plate. Prepare a working solution by diluting the Blocking Buffer powder with 120 mL or 240 mL of deionized or distilled water for 5 or 10 plates respectively.

**Standard Diluent:** Used for dilution of Standard. Prepare a working solution by diluting the Standard Diluent powder with 80 mL or 160 mL of deionized or distilled water for 5 or 10 plates respectively.

**Detection Antibody Diluent:** Used for dilution of Detection Antibody. Prepare a working solution by diluting the Detection Antibody Diluent powder with 60 mL or 120 mL of deionized or distilled water for 5 or 10 plates respectively.

**HRP-Streptavidin Diluent:** Used for dilution of HRP-Streptavidin. Prepare a working solution by diluting HRP-Streptavidin Diluent powder with 60 mL or 120 mL of deionized or distilled water for 5 or 10 plates respectively.

**Wash Buffer:** Used for plate washing. Prepare a working solution by diluting 1 bottle of Wash Buffer powder with 2000 mL of deionized or distilled water.

**HRP-Streptavidin:** HRP-Streptavidin can specifically bind biotinylated antibodies. Prepare a working solution by diluting the HRP-Streptavidin with HRP-Streptavidin Diluent Working Solution using a 1:100 dilution ratio.

**FOR RESEARCH USE ONLY! Not for use in humans.**

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**Substrate Solution:** Used for chromogenic substrate. Ready to use.

**Stop Solution:** Used for stopping chromogenic reaction. Ready to use.

Version: V.09.08.2020

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