

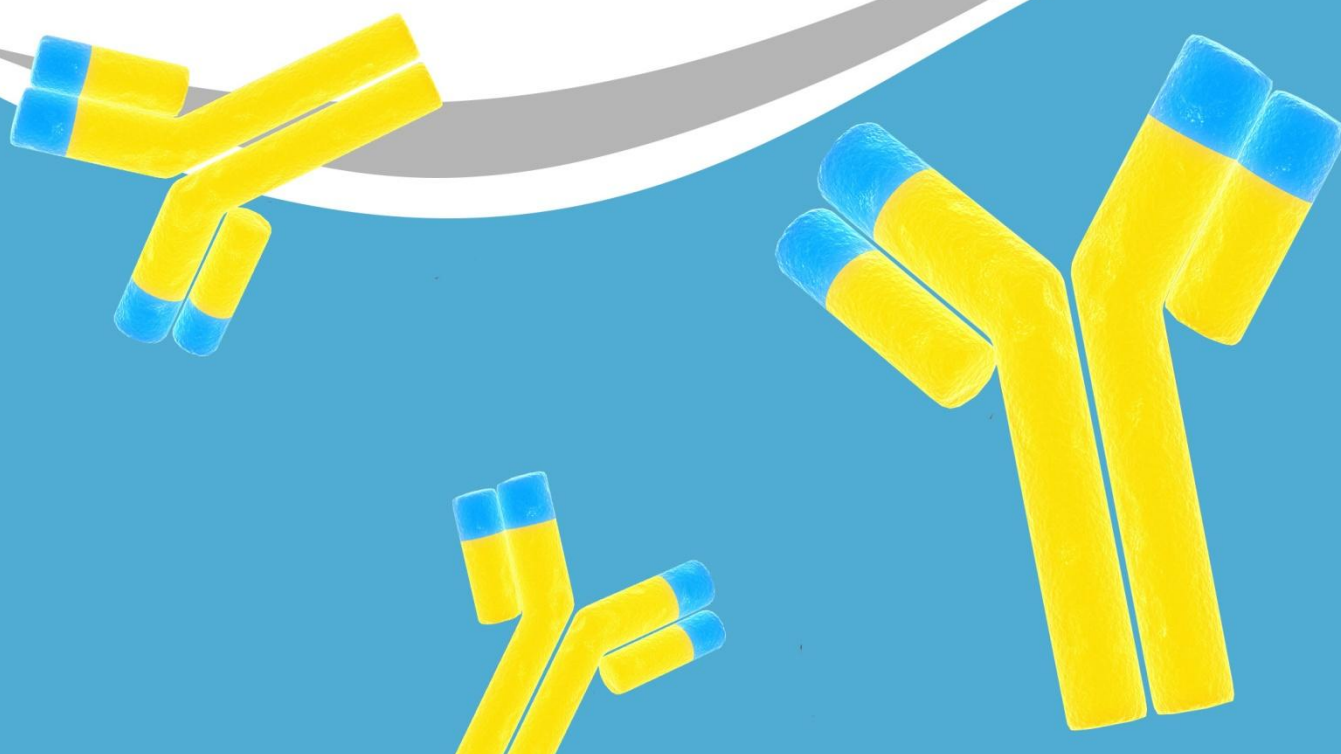


Bringing Life to Science

55R-E101PK

ELISA Starter Pack Kit

ELISA Starter Accessory Kit for the determination of a specific antigen in serum or other biological samples.



1. Kit Materials:

Microtiter Wells Nunc MaxiSorp C bottom well Modules & Frames, 10 x 96 well plates
Store at room temperature in an area free from dust or debris.

ELISA Coating Buffer Carbonate-bicarbonate buffer capsules; Sigma Chemical #C3041, Package of 2
Store at room temperature for up to one year.

ELISA Wash Solution 50 mM Tris buffered saline, pH 8.0, 0.05% Tween20, 5 Packets
Store between 2 - 30° C for up to one year.

ELISA Blocking Buffer 50 mM Tris buffered saline, pH 8.0, 1% BSA; Sigma Chemical # T6789, 1 Packet
Store between 2 – 8° C for up to one year.

10% Tween 20 10% solution of polyoxyethylenesorbitan monolaurate,
Store at room temperature for up to one year.

Enzyme Substrate TMB One Component HRP Microwell Substrate, 2 x 60 ml bottles
Store bottles between 2 – 8° C for up to one year.

2. Buffer Preparation:

ELISA Coating Buffer Dissolve the contents of 1 capsule in 100 ml of distilled water = 0.05 M carbonate-bicarbonate.

Do not add the capsule to your solution.

Store prepared coating buffer at room temperature for up to one year.

ELISA Wash Solution Dissolve one packet in 1 L of distilled water. Store at 2 - 30° C for up to one year.

ELISA Blocking Buffer Dissolve one packet in 1 L of distilled water. Store between 2 – 8° C for up to one year.

Sample/Conjugate Diluent Add 0.5 ml 10% Tween 20 to 100 ml ELISA Blocking Buffer for use as Sample and Conjugate Diluent. Store between 2 – 8° C for up to one year.

Enzyme Substrate TMB One Component HRP Microwell Substrate is supplied as a ready to use solution. Store between 2 – 8° C for up to one year.

Notes 0.18 M H₂SO₄ is needed to stop the enzyme substrate reaction but is not included in this kit.

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