

Anti IgG coated MicroPlates

Product Description

Anti-Immunoglobulin coated microplates for immunoassays.

Part Number	Description
UP47246A	Anti Mouse IgG (Gt) coated Microplates, 5 units
UP42458A	Anti Rabbit IgG (Gt) coated Microplates, 5 units

These plates are supplied pre-blocked with Seablock agent (UP40301) for both colorimetric and chemiluminescence detections. Plates are conditioned under N₂ in sealed bags.

Storage: +4°C (L)

Directions for Use

Uptima recommends the following standard protocole, but this could be adapted for each application. Suggested buffer for both washes and dilution of immunoreagents is PBSTS (PBS + 0.1% Tween20 + 0.1% SeaBlock agent #UP40301).

- Open the sealed bag, and bring sufficient plates for the analysis. Place the remaining plates with dessicant in a sealed bag at +4°C. There is usually no need to rinse wells with wash buffer
- Prepare a 0.1+5µg/ml of the desired antibody (produced in rabbit OR Mouse) in PBSTS. Remark: other buffer may be used; detergent may be omitted. Seablock may be replaced with other agents.
- Incubate 30-60min at +37°C

Rem: Some primary antibodies are more sensitive to temperature, the incubation can then be performed at room temperature, even at +4°C for 1-4Hours.

- Wash wells 3 times with PBSTS, 200µl/well
- The plates should be used immediately. Eventually they can be kept emptied at +4°C for some hours or days, but binding capacity may be affected.
- Following steps are performed depending on the application

Classic ELISA sandwich protocole:

- 100µl of antigen
- 3 washes
- 100µl of a labeled specific anti antigen antibody, 1H at +37°C
- 4 washes
- HRP, PA, or fluorescence detection

Classic ELISA inhibition assay:

- 100µL of sample containing a hapten (H) and a constant tracer concentration (i.e. H-HRP)
- 4 washes
- HRP, PA, or fluorescence detection

Other Information

Seablock agent is a non mammalian saturating agent that shows minimal unspecific binding of antibodies. It is compatible with biotinylation detection systems (at the opposite to milk saturation) and chemiluminescence detection (at the opposite to gelatine or albumin saturation). SeaBlock agent can be ordered separately (part number #UP40301A).

Contact Uptima or your local distributor for any additional information, or complementary reagents.

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Contact your local distributor

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