

SuperPhos™, 4-MUP Fluorescence ELISA Solution for AP Conjugates

Catalog No.:	XPHOS-100
Description:	SuperPhos™ ELISA solution is an optimized one component, ready-to-use formulation for the fluorescence detection of alkaline phosphatase (AP) conjugates in ELISA assays.
Active Ingredients:	4-methylumbelliferyl phosphate (4-MUP)
Readout:	Fluorescence, Ex: 360 nm; Em: 450 nm
Size:	100 mL
Storage:	Store at 2-8 °C for 12 month

Instructions:

1. Shake well before use! Since the formulation is liposome-based, it is normal to see some turbidity in the solution, and this will not affect the results.
2. The ELISA assay can be performed according to the standard protocol. Additional 1 to 3 wash cycles are recommended for the last wash step to wash off any unbound AP conjugates.
3. Add 100 µL of solution to each well, and the optimal fluorescence intensity can be obtained after 30 to 90 minutes of incubation.

Notes:

1. It is normal to see some turbidity in the solution, and this will not affect the results.
2. Timing is not critical since the fluorescence is sustained.
3. Do not return unused solution back to the original container.
4. For best results, minimize light exposure.

For Research Use Only.