



Phosphatase Inhibitor (Sodium Orthovanadate) (BA0260)

Product Datasheet | SKU BA0260

Description

Ready-to-use, fully activated sodium orthovanadate solution (1 mL, 100 mM, pH 10.0) for the inhibition of protein phosphotyrosyl phosphatases and preservation of protein phosphorylation state.

Specifications

Detection Method	Not applicable (ready-to-use phosphatase inhibitor reagent)
Sample Type	Cells, Cell lysates
Species Reactivity	All
Kit Size	1 mL (100 mM)
Equipment Required	Not applicable (reagent)
Storage	-20°C
Shelf Life	3 years
Shipping	Room Temperature

Kit Components

Component	Quantity	Storage
Sodium Orthovanadate	1 mL, 100 mM aqueous solution (pH 10.0)	-20°C

Ordering Information

Assay Genie Cat. No.	Pack Size
BA0260	1 mL (100 mM)

Protocol Summary

Prepare and use the reagent as described in the kit insert. Standard laboratory equipment for reagent addition; EDTA if reversal of inhibition is required.

Notes

- EDTA and reducing agents such as DTT can interact with vanadate and reduce its potency.
- Avoid contact and inhalation; follow standard laboratory safety procedures, wearing OSHA approved safety glasses, gloves and protective clothing.
- Store at -20°C; shipped at ambient temperature.
- Reagents are for research use only. Refer to the MSDS for detailed safety information.

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Technical specifications are based on manufacturer documentation and may be updated. Protocols shown are summaries - always follow the instructions supplied with your kit/lot.