

***ClearBand* Non-Fat Milk Powder**

250 gr

Cat No: C1250

Shipping : Ship at ambient temperature.

Storage : Store between 2°C and 8°C. Keep the container tightly closed in a dry place. Protect from moisture.

General Information

ClearBand Non-Fat Milk Powder is a high-quality blocking reagent designed for use in a wide range of immunoassay applications, including Western blotting, ELISA, immunodetection, and related protein-based assays. It is used to effectively block unoccupied binding sites on membranes or microplate surfaces, thereby helping to reduce non-specific binding, lower background staining, and improve signal clarity.

This product provides a practical and reliable solution for routine laboratory workflows where consistent blocking performance is required. It is especially suitable for researchers seeking a convenient blocking reagent that supports clearer band visualization and improved assay reproducibility.

A key advantage of *ClearBand* Non-Fat Milk Powder is **its easy and rapid solubility**. The powder readily dissolves in commonly used aqueous buffers such as TBS, PBS, TBST, or PBST, allowing quick preparation of blocking solutions with minimal mixing effort. This feature helps save time during daily laboratory use and contributes to the preparation of homogeneous, low-particulate blocking solutions.

ClearBand Non-Fat Milk Powder is an economical and user-friendly reagent for routine blocking applications, offering dependable performance in both manual and standardized immunoassay protocols.

Recommended Use

Typically used for preparation of blocking solutions in the range of **3–5% (w/v)**, depending on the assay type, antibody system, and optimization requirements.

Notes

- Optimization may be required depending on the antibody, target protein, and assay conditions.
- For best performance, prepare the solution fresh or store prepared solution according to laboratory validation procedures.
- Avoid moisture exposure during storage.