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Product Data Sheet

StainAll Dye for Immunoblotting

Cat. No. SALL-500

SIZE: 500 ml **FORM:** Liquid, Red Dye Soln. formulated in acidic buffered solution

STORAGE: Store at room temperature.

Immunoblotting (Western blotting) is a commonly used technique to study proteins using antibodies. This involves electrophoresis followed by transfer of proteins to membranes (nitrocellulose or nylon membranes). Protein transfer is usually monitored by transferring pre-stained (blue or multicolor standards) molecular weight markers. If the markers are transferred to the membranes, it is assumed that rest of the proteins have also transferred in a similar manner. However, very often many proteins samples do not transfer well, move irregular during the run or transfer is not adequate because of air bubbles in the transfer sandwich or some other problems. Ideally, whole membrane should be stained prior to blocking to confirm the transfer of all samples. Unacceptable samples can be eliminated before attempting immunoblotting and avoid erroneous results. ADI has formulated an inexpensive ready-to-use dye solution that is well suited for this purpose. It has the following advantages:

- **Convenient.** Ready-to-use solution. No preparation required. Save time.
- **Rapid.** StainAll stains blot within seconds (30-60 seconds) **immediately after electrophoresis and prior to blocking.** Just rinse your filter with PBS and soak in StainAll. Proteins will stain pink immediately. Discard the dye solution. Filters can be stained for longer periods to increase protein intensity. After visual inspection, the filters can be destained in PBS or simply immersed in blocking

buffers. The dye will come off in PBS or blocking buffer.

- **Semi-Quantitative Staining.** Intensity of staining in various protein samples or lanes will give you an idea about total protein load.
- **Reversible.** Water soluble formulation of StainAll washes away in PBS/saline/water. No washing is required and the membranes can be simultaneously destained and blocked in blocking solutions.
- **Stabilizes blotted proteins.** StainAll strengthens proteins binding to solid surface. StainAll will not affect subsequent interaction with antibodies.
- StainAll provides a **Visual guide to cut appropriate lanes** and mark band **positions before blocking.** StainAll will show **air bubbles** (no staining in those places) on filters, if any.

Inexpensive. Economical prices justify its use on every blot.

Stable. Ready-to-use StainAll is stable at room temperature for more than one year.

Important: THIS DYE CAN NOT BE USED AFTER BLOCKING WITH ANY PROTEIN OR MILK SOLUTIONS. IT **MUST BE USED PRIOR TO BLOCKING.** AVOID CONTACT WITH SKIN AS IT CONTAINS DILUTED ACID.

Related items available from ADI

LMWM-12	Low range multi-color protein markers (6.5-45 kDa) for Western
HMWM-11	High range multi-color protein markers (6.5-205 kDa) for Western
80200-Rb	Western blot Kit for Rabbit Primary Antibodies, Chemilum. Substrate
80201-Gt	Western blot Kit for Goat Primary Antibodies, Chemilum. Substrate
80202-Mo	Western blot Kit for Mouse Primary Antibodies, Chemilum. Substrate
80203-Rt	Western blot Kit for Rat Primary Antibodies, Chemilum. Substrate
80204-Ch	Western blot Kit for Chicken Primary Antibodies, Chemilum. Substrate
80205-Mk	Western blot Kit for Monkey Primary Antibodies, Chemilum. Substrate
80206-Gp	Western blot Kit for G. pig Primary Antibodies, Chemilum. Substrate
80207-Hu	Western blot Kit for Human Primary Antibodies, Chemilum. Substrate
80208-Sh	Western blot Kit for Sheep Primary Antibodies; Chemilum. Substrate
80209-Pg	Western blot Kit for Pig Primary Antibodies; Chemilum. Substrate
80215	NuGlo ECL Substrate Kit for Western blot, 400 mls
90100	Western blot recycling kit (sufficient for 20-40 mini blots), 50 ml (10X)
SALL-500	StainAll dye for the visualization of proteins on membranes (transfer) 500 ml

SALL-500

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