

WORKFLOW

CLICK LINKS:

Membrane Preparation

Electrophoretically transfer separated proteins onto PVDF or nitrocellulose membrane

Protran™ Nitrocellulose Transfer Membranes

0.2 µm

0.45 µm

Blotting Paper

Membrane Blocking

Block nonspecific binding sites by incubating the membrane in the blocking buffer and wash

Bovine Serum Albumin (BSA)

**Antibody Incubation**

- Incubate the membrane with the primary antibody and wash
- Incubate the membrane with the secondary antibody and wash

Secondary antibodies & Proteins

Horseradish peroxidase (HRP) conjugates

Alkaline phosphatase (AP) conjugates

WORKFLOW

Chemiluminescent substrates

- Western Lightning™
- Western Lightning™ ONE

Detection & Visualization

Incubate the membrane with appropriate substrate and prepare blot for imaging

- For chemiluminescence substrates, detect proteins using imager or film
- See chromogenic blots with the naked eye or imaging device



Chromogenic substrates

Stripping & Reprobing

(optional: for chemiluminescent detection only)

- Incubate with stripping buffer and wash
- Incubate with chemiluminescent substrate
- Expose to film or imager to make sure the original signal is removed
- Go back to the blocking step



Additional information:

Nova Natura

nova@novabio.ee / nova@novabio.it
www.en.novabio.ee

Look also:
Western Blotting Solutions Brochure