

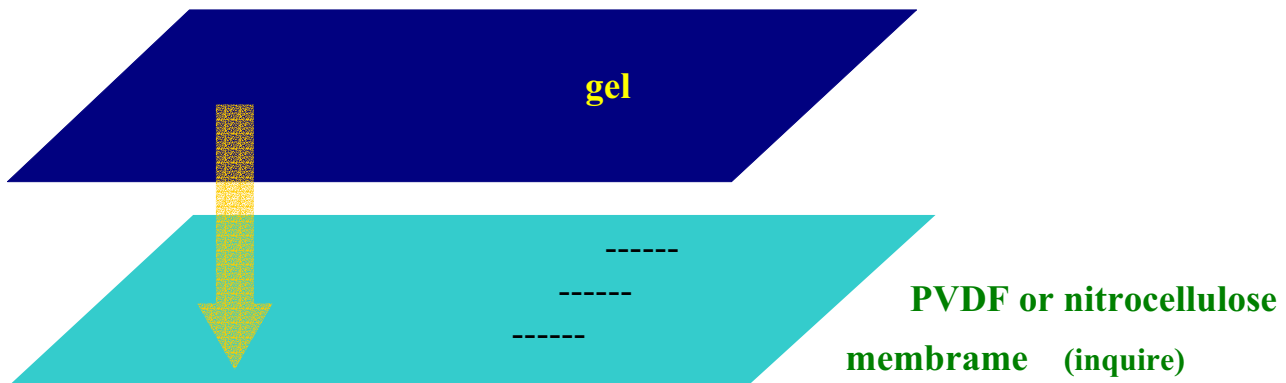
Western Blotting with ALTER CHEM - Chemiluminescence Protocol

Place the gel onto **PVDF or nitrocellulose membrane** (inquire)

Assemble the blotting system (filter paper, gel, membrane and pads)

Add Transfer buffer (T00009 / T00020 / T00007 / T00008)

Perform electrophoretic transfer



Confirm the transfer onto **PVDF or nitrocellulose membrane** with **Ponceau S** (P00004)

Wash with **TBS (T00014 / T0029) or TBS (1x)** supplemented with 0.05% Tween 20

Block with solution of BSA, dried skimmed milk, gelatin or other blocker

Incubate with the primary antibody

Wash with **TBS (T00014 / T0029) or TBS (1x)** supplemented with 0.05% Tween 20

Incubate with thermostable, ready-to-use secondary antibody conjugated to horseradish peroxidase (R00005, R00006, R00007 for anti-rabbit IgG-HRP or M00004, M00005, M00006 for anti-mouse IgG-HRP).

(inquire)

Wash with **TBS (T00014/ T0029) or TBS (1x)** supplemented with 0.05% Tween 20

Add Western Blot chemiluminescence reagent (inquire)

or

Incubate with thermostable, ready-to-use secondary antibody conjugated to alkaline phosphatase (R00008, R00009, R00010 for anti-rabbit IgG-AP or M00007, M00008, M00009 for anti-mouse IgG-AP).

(inquire)

Wash with **TBS (T00014/ T0029) or TBS (1x)** supplemented with 0.05% Tween 20

Add CDP-Star Western Blot chemiluminescence reagent (inquire)

Place the wet blots on **Image Analysis System** (inquire)

Acquire image - Quantitate

Alternative :

Expose to film. The best results for chemiluminescence detection can be achieved with films specifically designed for this purpose :

- **BioMax Light film (inquire)**

Highest signal-to-noise ratio of any scientific film for detection of chemiluminescent-labeled samples.

For development and fixing of the film use the special Kodak chemicals, available by ALTER CHEM, suitable for the above types of films.

Related products : **Streptavidin-HRP conjugate (inquire)**
Streptavidin-AP conjugate (inquire)