

Rapid Blocking Buffer(TBS-T)

REF: CP20203L

Storage Condition

Room Temperature

Components

Component	CP20203L
Rapid Blocking Buffer(TBS-T)	20 Pouches

Description

Rapid Blocking Buffer(TBS-T) appears as off-white to pale yellow instant granules. Each pouch can prepare 100 ml blocking solution, which is easy to operate. The main component is the fish gelatin protein component that has been carefully processed, and the protein content is 5% after being formulated into 1× working solution. This product is used in the antibody blocking step of Western Blot and ELISA. The TBS-T buffer (containing Tween20 detergent) version is provided.

The fish gelatin protein used in Rapid Blocking Buffer (TBS-T) is compatible with most proteins, providing excellent reaction performance and compatibility. It can be blocked within 15 minutes, shortening the user's experimental time. It has been premixed with TBS-T for ease of use. In many Western Blot detection reactions, the presence of detergent Tween20 improves the efficiency of blocking.

Method

Configuration steps

1. Add about 50 ml of distilled water to the beaker and place a magnetic stirring bar in the beaker.
2. Place the beaker on a magnetic stirrer and slowly add the entire contents of 1 bag of blocking liquid instant granules, stirring the solution until completely dissolved.
3. Add distilled water to the blocking solution in step 2 and set the volume to 100 ml, which is 1 ×.

Closed step

1. After the transfer is completed, put the transfer membrane into the hybrid incubation box and add 10~20 ml of 1× Rapid Blocking Buffer (TBS-T) to cover the overload. On the surface of the body, incubate at room temperature in a tabletop horizontal shaker for about 10 min;

⚠ Note: The effect of this product blocking for 10 min is significantly better than that of conventional BSA blocking for 1 h, and for antibodies with higher background, you can try to extend the blocking time to 30~60 min.

2. The closed membrane can be used for subsequent experiments such as primary antibody incubation.