

## Nissel Stain Kit

**Product name:** Nissel Stain Kit

**Catalog No.:** TASS04

**Introduction:**

This method is used for the detection of Nissl body in the cytoplasm of neurons on paraformaldehyde or formalin-fixed, paraffin embedded tissue sections. The Nissl body will be stained purple-blue. This stain is commonly used for identifying the basic neuronal structure in brain and spinal cord tissue.

**Form:**

Catalog No.	Size
TASS04-125	125ml
TASS04-250	250ml

**Kit Contents (for 250ml kit):**

Kit Contents	Format	Recommend time	Storage
Cresyl violet solution Solution	Concentrate ,125/250ml	10 minutes.	25-28°C
Control slide x 2	Pig skin and others	--	25-28°C
Reagent necessary but not included: 1. 100% Alcohol 2. Xylene			

**Staining Protocol Recommendations:**

1. Deparaffinize and hydrate slides to distilled water.
2. Stain in cresyl violet solution for 10 minutes.
3. Rinse quickly in distilled water.
4. Differentiate in 95% ethyl alcohol for 2-30 minutes and check microscopically for best result.
5. Dehydrate in 100% alcohol 2x5 min.
6. Air dry.
7. Clear in xylene 2x5 min.
8. Mount with permanent mounting medium.

**Results:**

Neuron (Nissl body) ----- pink-violet or blue

**Positive Controls:**

Brain tissue or spinal cord

**Storage and Stability:**

Please read the kit contents and follow the storage condition. The user must validate any other storage conditions. When properly stored, the reagent is stable until the date indicated on the label. Do not use the reagent beyond the expiration date. If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical: [info@biotna.net](mailto:info@biotna.net)