

## MYOADENYLATE DEAMINASE Stain

### Lyophilized powder for histoenzymatic reaction

### 30 – 30116LY

**IVD** In-vitro diagnostic medical device **CE**

**CND Code: W01030708**

working solution volume ..... 10 ml  
procedure time ..... 61 minutes  
storage temperature..... -20°C  
complementary equipment..... not requested

**Expected aim** Product for the preparation of cyto-histological samples for optical microscopy.

**Application** Cryostatic sections of 8 micron of human skeletal muscle.  
To show the enzymatic activity of Myoadenylate deaminase

**Method**

- 1) Put restoration solution reagent B into lyophilized powder (reagent A).
- 2) Shake until dissolution.
- 3) Put NBT solution (reagent C) into the reconstituted solution A
- 4) Shake well
- 5) Stain the sections in the obtained solution (A+B+C) at room temperature for 1 hour
- 6) Rinse in distilled water.
- 7) Mount in glycerin jelly

**Results** Positive Myoadenylate deaminase enzymatic activity ..... blue

#### Components

Components	CAS	CE	Index
<b>REAGENT A - Lyophilized powder..... 4 mg</b>			
Adenosine 5' monophosphate	18422-05-4	2005000	-
<b>REAGENT B - Restoration solution .....1 x 5 ml</b>			
Potassium chloride in phosphate buffer 0.5M	7447-40-7	2312118	-
<b>REAGENT C - NBT solution .....1 x 5 ml</b>			
Nitro Blue Tetrazolium	298-83-9	2060674	-

#### Warning and precaution

The product must be used exclusively by specialized technical operators.  
The product is classified as hazardous.  
Read with attention the information written on the label (dangerous symbols, risks and safety phrases).  
Consult always the safety data sheet where the information about the risks of the preparation, precautionary measures during use, first aid and disposal are available.  
Do not use if primary packaging is damaged.

#### Storage

Store the preparation at -20°C. Keep the containers tightly closed.

#### Stability

When making aliquots of the product and freezing them at -20°C, Bio-Optica does not respond for the loss of activity resulting from this practice.  
Product validity: 1 year.

#### Disposal

Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.

#### References

- Fishbein WN, Griffin JL, Armbrustmacher VW. Stain of skeletal muscle adenylate deaminase. Arch Pathol Lab Med. 1980;104:462-466.

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Page 1 di 1