

TECHNICAL SHEET

BA029

LUGOL'S IODINE

**Formula**

**Reagents:**

Iodine	5.00 g
Potassium Iodide	10.00 g
Distilled water	100.00 ml.

**Directions:**

1. Place a drop of saline on one side of the slide and a drop of Lugol's iodine on the other.
2. Suspend faecal, vaginal or oral material in both the drop of saline and Lugol's iodine.
3. Cover each with a cover slip and observe under oil immersion lens.

**Quality control:**

**Appearance:** Dark reddish brown coloured solution

**Microscopy:** Appearance of cell components

Glycogen	- Reddish brown
Cytoplasm	- Yellow
Nuclei	- Light refractile bodies

**Storage:** Below 30°C.

**Packing:** 100 ml

**Warning & Precautions :**

In Vitro diagnostic Use only. For laboratory use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

**Use:** Protozoa staining helps in detecting motile trophozoite stages of the intestinal protozoa. A weak iodine solution is recommended.

**Disposal:** User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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