KOH 10% (Potassium Hydroxide 10%) Catalog #'s: **300145, 60015**

USE
Potassium Hydroxide 10% (KOH 10%) is intended for use in the demonstration of yeast and fungal elements in wet clinical preparations.

PRINCIPLE
Potassium Hydroxide digests the proteinaceous material in the specimen, leaving the fungal cell wall intact for direct microscopic observation.

FORMULA

Potassium Hydroxide	100.0 g
Deionized Water	1.0 L

Final pH is N/A

This formulation is typical. Productions lots may be adjusted, if necessary, to offset variation in raw materials in order to meet performance criteria.

PRECAUTIONS
This product is for IN VITRO DIAGNOSTIC USE. Avoid contact with eyes or skin as some reagents are harmful. Wear protective goggles and gloves. Wash hands thoroughly after handling.

STORAGE INSTRUCTIONS
This product should be stored at 2-30ºC and remain in the original packaging until needed.

EVIDENCE OF DETERIORATION
This product should not be used if the expiration date has passed. Notify the manufacturer of any deficiencies.

SPECIMEN COLLECTION
Information on collection of clinical fungal specimens may be found in standard reference texts.

PROCEDURE
Place specimen on a clean slide. Add one drop of KOH 10% to the specimen (equal amounts if material is viscous). Add cover slip and allow remaining at room temperature for approximately 10 minutes for protein digestion. Gentle heating may enhance this step.

OTHER MATERIALS REQUIRED BUT NOT SUPPLIED
The usual clinical microbiological equipment such as loop, burner, and incubator may be needed for procedures involving the use of this product.

USER QUALITY CONTROL
Performance may be checked by microscopically examining *Candida albicans* utilizing KOH 10% and the above procedure.

LIMITATIONS OF PROCEDURE
Further testing is required to identify colonies. Procedures for biochemical and serological tests for identification may be found in appropriate references.

BIBLIOGRAPHY

1. Bailey and Scott, Diagnostic Microbiology, 5th Edition.