

ScyTek
Laboratories

Instructions For Use
OGA-IFU

Rev. Date: Nov. 12, 2009

Revision: 1

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

OG-6 Solution (Cytological Stain)

Description: OG-6 is a cytologic stain routinely used in diagnostic cytology to aid in the identification and classification of exfoliative cells. The stain is used for examining exfoliative cells of vaginal, cervical, sputum, as well as other body secretions. Commonly used in combination with hematoxylin, Orange G is responsible for the orange coloration in the cytoplasm.

Results: Nuclei: Blue
Cytoplasm: Various shades of orange, pink and green.

Uses/Limitations: For In-Vitro Diagnostic use only.
Cytological applications.
Do not use past expiration date.
Use caution when handling these reagents.

Control Cells: Vaginal exfoliative cells
Cheek exfoliative cells

Storage: Room Temperature

Availability/Contents:

<u>Item #</u>	<u>Volume</u>
OGA500	500 ml
OGA999	1000 ml

Additional Suggested Reagents (Not included):

<u>Item #</u>	<u>Description</u>	<u>Volume</u>
HMM500	Hematoxylin, Mayer's	500 ml
BRT500	Bluing Reagent	500 ml
EAC500	EA-50	500 ml

Precautions: Flammable.
Keep away from open flame.
Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.
Use in chemical fume hood whenever possible.

Storage: 18° C



25° C



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Procedure:

1. Fix exfoliated epithelial cell smears in ethanol.
2. Using graded alcohols, rehydrate to distilled water.
3. Stain slide in Hematoxylin (Cat# HMM) for 2-5 minutes.
4. Rinse for 2 minutes in several changes of tap water.
5. Dip slide in Bluing Reagent (Cat# BRT) for 30 seconds.
6. Rinse slide in distilled water.
7. Place slide in 95% alcohol for 2 minutes.
8. Stain slide in EA-50 (CAT# EAC) for 2-5 minutes.
9. Rinse quickly in 95% alcohol.
10. Stain slide in OG-6 Solution for 2-5 minutes.
11. Rinse quickly in 95% alcohol.
12. Dehydrate in absolute alcohol.
13. Clear, and mount in synthetic resin.

References:

1. Liu, W. A simplified cytological staining technique. American Journal of Clinical Pathology, Volume 54, Page 767, 1970.
2. Keebler, C., Reagen, J. A Manual for Cytotechnology, American Society of Clinical Pathologists Press, Chicago, IL, Page 323, 1983.

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