

## Mucin stain kit (carmine method)

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There are many different methods for mucin staining, also known as mucus staining. Such as AB-PAS staining, HID-AB staining, Alcian blue staining, etc. Most of the above methods use the principle that Alcian blue is a cationic dye that can combine with acidic groups, that is, Alcian blue forms an insoluble complex with anionic groups such as carboxyl and sulfate groups contained in tissues. However, the above methods are not specifically for displaying neutral mucus substances.

The Carmine Mucin stain kit is mainly used to display neutral mucus substances, and can also be used to display acidic mucus substances and *Cryptococcus neoformans*. It is particularly suitable for displaying gastric and epithelial mucus, and is clinically used to identify epithelial cancers that secrete mucus. It is mainly composed of mucin Carmine and hematoxylin stain solution. The staining results are: mucus substances are red and cell nuclei are blue.

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| Catalog No.       | 261066              |
| Size              | 3 x 50mL            |
| Product Category  | Histochemical Stain |
| Storage/Stability | 2 ~ 8°C/6 months    |
| Shipping          | Ambient             |