

Van Gieson's stain is most often used to demonstrate Connective Tissue, it is part of the group of histological stain reagents known as the Trichromes, because it gives more than one colour to the specimen being stained. Van Gieson's technique is well known for demonstrating Elastic Fibres ( Connective Tissue ) in the technique known as Elastic Van Gieson ( EVG).

**Specification:**

Contains Acid fuchsin, Picric acid compound in an aqueous methanolic solvent system containing solubility improvers and stabilisers. Ready to use.

**General Method ( single slide ) :**

- 1 – De-wax sections and bring to water ( Xylene – Alcohols – water)
- 2 – Stain in Weigerts Iron Haematoxylin ( Code: S0565) for 40 minutes.
- 3 – Wash well in tap water for 30 seconds.
- 4 – Differentiate in 1% hydrochloric acid in ethanol.
- 5 – Wash in running water for 5 minutes.
- 6 - Stain in Van Gieson's stain for 3 minutes
- 7 – Rinse briefly in distilled water
- 8 - Dehydrate rapidly ( alcohols – xylene), clear and mount in DPX.
- 9 - Examine by light microscopy.

**Results:**

Nuclei	Black
Collagen	Red
Other tissues, including muscle & RBC's	Yellow

**Storage:**

Store reagent at cool room temperature in darkened cupboard away from sources of ignition.

**Health & Safety:**

Contains Picric Acid, which is Toxic by skin contact and ingestion. Long term exposure may lead to irreversible effects.. Do not consume. Avoid sources of ignition when using. . If ingested seek immediate medical attention on what treatment is appropriate. Wash with soap and water in contact with skin. If in contact with eyes bathe eyes with eye-bath for 5 minutes. Seek medical attention if soreness persists. Wear suitable eye, face and body protection when using. Use in a suitably ventilated area or under a ventilated hood.. This product is for "In-vitro diagnostic use only ". Standard precautions for handling laboratory reagents should be followed when using this product. R: 11-22-23-25-40 S: 7-16-24-25-26-28-45

**Waste disposal :**

Van Gieson's stain is toxic and dangerous to the aquatic environment.Mop up immediately with suitable absorbent granules or paper and remove to outside area for proper disposal by a waste disposal contractor  
Unused reagent can be disposed of by a licensed waste disposal contractor.  
Packaging should be rinsed with water and recycled as polyethylene, paper & cardboard.

**Unsatisfactory performance**

As part of our duty to monitor product performance and our policy of continual improvement. Please report to us any unsatisfactory performance you may experience with this product. If any reagent degrades before expiry of shelf life we will replace that reagent free of charge. GCC Diagnostics guarantees the quality of this product, the user should however determine the suitability of this product for their intended use.

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