



## PureView™ Amyloid Stain Kit, Congo Red

Solutions Provided:

#SSC1060-250 - PureView™ Iron Hematoxylin, Solution A

#SSC1061-250 - PureView™ Iron Hematoxylin, Solution B

#SSC1046-250 - Amyloid Pretreatment Solution

#SSC1057-250 - PureView™ Congo Red

Working solution preparation (*prepare just before use and discard when finished*):

### Working PureView™ Iron Hematoxylin

PureView™ Iron Hematoxylin, Solution A: 25mL

PureView™ Iron Hematoxylin, Solution B: 25mL

### Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Stain sections in **Working PureView™ Iron Hematoxylin** for **30 seconds**.
3. Wash in running tap water for 2 minutes.
4. Place slides in **Amyloid Pretreatment Solution** for **30 seconds**.
5. Wash in running tap water for 2 minutes.
6. Place slides in 50% alcohol (optional) for 30 seconds.
7. Stain slides in **PureView™ Congo Red** for **30 minutes**.
8. Dehydrate sections in 2-3 changes of 95% alcohol followed by 2-3 changes in 100% alcohol.
9. Clear and mount with appropriate mounting medium.

### Results:

Amyloid: Pink-Red

Nuclei: Blue

### Notes:

1. The use of thick tissues sections (8-10 microns) is crucial in obtaining accurate results.
2. When examining sections under polarized light, Amyloid deposits will exhibit Apple Green birefringence.

