

**INTENDED USE**

Amyloid Red Stain is used to stain amyloid deposits.

**PRODUCT SUMMARY**

Amyloid Red dye contains two unhindered hydroxyl or amino groups spaced 12-16 Å apart and is therefore capable of hydrogen bonding to amyloid deposits. The phosphate buffer maintains a pH to allow specificity in staining and the sodium chloride enhances intensity. Amyloid Red is fluorescent and birefringent when complexed with amyloid. Amyloid Red also selectively stains elastin.

**INGREDIENTS**

Direct red 72 (C.I. 29200), phosphate buffer, reagent alcohol, sodium chloride

**WARNING**

Irritant to eyes and skin. Toxicity of dye powder is untested.

For In Vitro Diagnostic Use.

**STORAGE**

Store at room temperature, away from direct sunlight. Keep containers tightly closed when not in use.

**DIRECTIONS FOR USE**

1. Warm stain in a waterbath to 50–55°C.
2. Staining intensity is dependent upon many factors, such as age of the amyloid deposits in vivo, thickness of paraffin section and age of cut sections.
  - a. For best results cut sections at 8µ.
  - b. Reports indicating that the age of paraffin sections affects stain intensity suggest that the age of pre-cut control sections should be monitored.

**RECOMMENDED STAINING SCHEDULE**

1. Clearant x 3 ..... 3 minutes each
2. 100% alcohol x 2 ..... 1 minute each
3. 95% alcohol ..... 1 minute
4. 50% alcohol ..... 1 minute
5. Distilled or deionized water x 2 ..... 30 seconds each
6. Amyloid Red Stain at 50-55°C ..... 20 minutes
7. Distilled or deionized water ..... rinse
8. ANATECH Harris Hematoxylin ..... 15 seconds
9. Tap water ..... rinse to blue
10. Distilled or deionized water ..... 1 minute
11. 70% alcohol ..... 1 minute
12. 95% alcohol ..... 1 minute
13. 100% alcohol x 3 ..... 1 minute each
14. Clearant x 3 ..... 1 minute each

Results: Amyloid–pink; Nuclei–blue

**DISPOSAL**

1. Use a licensed waste hauler.
2. Discard into the sanitary sewer system with the approval of local wastewater officials.

**MSDS**

MSDS are available online at [www.anatechltdusa.com](http://www.anatechltdusa.com).

**ORDERING INFORMATION FOR AMYLOID RED**

<u>Cat#</u>	<u>Packaging</u>
868	Amyloid Red Stain, 1 quart
863	Amyloid Red, 50 g jar
864	Amyloid Red, bulk, 1 kg
881	Amyloid Stain Kit