

PRODUCT INFORMATION
AMYLOID RED STAIN**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.

SAFETY DATA SHEETS (SDS)

SDS are available online at www.anatechltusa.com.

ORDERING INFORMATION FOR AMYLOID RED

Cat#	Packaging
868	Amyloid Red Stain, 1 quart
863	Amyloid Red, 50 g jar
864	Amyloid Red, bulk, 1 kg