

Instructions For Use TCS0003-IFU

Rev. Date: Oct. 18, 2012 Revision: 1

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Amyloid Stain - Tissue Control Slides

Description:	Human. Natural disease state (where applicable). Paraffin embedded.

Availability: TCS0003-5 5 unstained slides. TCS0003-25 25 unstained slides.

Storage: 2-25°C.

- Suggested Stain Kit: AMY-1
- Procedure: See below.

Amyloid Stain Kit (Congo Red)

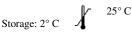
Description: The Amyloid Stain Kit (Congo Red) is intended for use in the histological visualization of amyloid in tissue sections. Examination under a polarizing microscope results in green birefringence of amyloid.

Amyloid: Erythrocytes: Eosinophil Granules: Nuclei:

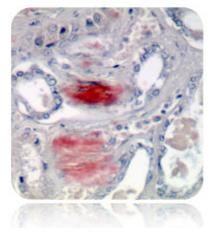
Red to Pink Light Orange Orange to Red Blue

- Uses/Limitations: Not to be taken internally. For In-Vitro Diagnostic use only. Histological applications. Do not use if reagents become cloudy. Do not use past expiration date. Use caution when handling reagents. Non-Sterile.
- Control Tissue: Freshly cut sections containing amyloid. Cut sections 6-12 microns to show smaller amyloid deposits.

Ordering information regarding individual components on back page!









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Kit Contents:

Item #	Kit Contents	Volume	Storage
CRA500	Congo Red Solution	500 ml	18-25 <i>°</i> C
HMM500	Hematoxylin	500 ml	18-25 <i>°</i> C
BRT500	Bluing Reagent	500 ml	18-25 <i>°</i> C

Required but not included:	95% Ethyl Alcohol
	100% Ethyl Alcohol

Precautions: Congo Red Solution is flammable. Keep away from open flame. Avoid contact with skin and eyes. Harmful if swallowed. Follow all Federal, State, and local regulations regarding disposal. Use in chemical fume hood whenever possible.

Procedure (Standard):

- Deparaffinize sections if necessary and hydrate to distilled water. 1.
- 2. Stain slide with Hematoxylin for 5 minutes.
- 3. Rinse slide in tap water.
- 4. Incubate slide in Bluing Reagent for 30 seconds.
- 5. Rinse slide in distilled water.
- 6. Dip slide in 95% alcohol for 5 seconds.
- Stain slide with Congo Red Solution for 20 minutes. 7.
- 8. Dip twice (quickly) in 100% alcohol.
- 9. Dip repeatedly (4-5 dips) in clearing agent, and mount in synthetic resin.

References:

- 1. Puchtler, H, et al: On the binding of Congo Red amyloid. J. Histochem. Cytochem. Vol. 10: pages 355-363, 1962.
- Eastwood, H. & Cole, K.R., Staining of amyloid in buffered Congo Red in 50% ethanol. Stain Technology. Vol. 46: pages 208-209, 1971. 2.
- Carson, F.L., Histotechnology; A Self-Instructional Text, 2nd Edition. ASCP Press, Chicago, IL. Pages 117-121, 1996. 3.
- Churukian, C., Improved Puchtler's Congo Red method. J. of Histotechnology. Vol. 23: pages 139-141, 2000. 4.

25° C



U.S.A.

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Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
Congo Red Solution	CRA500 CRA999	500 ml 1000 ml
Hematoxylin, Mayer's (Lillie's)	HMM500 HMM999 HMM3800	500 ml 1000 ml 1 Gallon
Bluing Reagent	BRT500 BRT999 BRT3800	500 ml 1000 ml 1 Gallon





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