

Materials List for:

Immunohistochemistry: Paraffin Sections Using the Vectastain ABC Kit from Vector Labs

Victor Chi¹, Chandy George K¹

¹Department of Physiology and Biophysics, University of California, Irvine (UCI)

Correspondence to: Victor Chi at vchi@uci.edu , Chandy George K at gchandy@uci.edu

URL: <http://www.jove.com/video/504>

DOI: [doi:10.3791/504](https://doi.org/10.3791/504)

Materials

Name	Company	Catalog Number	Comments
Xylene	Fisher Scientific	X3S-4	Change xylene every month depending on use. Xylene is TOXIC.
100% ethanol	Fisher Scientific	A406-20	Use to make EtOH gradient.
DPBS			Dulbecco's modified Phosphate Buffered Saline WITH Ca2+ and Mg2+
Na-Citrate buffer			10 mM, pH 6.5
H2O2	Sigma-Aldrich	H-1009	30% stock => Dilute to 1% in DPBS
Blocking solution			DPBS + 5% bovine serum albumin (BSA) + 0.1% Na Azide + 5% serum.
BSA			
Sodium Azide			NaAzide
avidin/biotin blocking kit	Vector Laboratories	SP-2001	
Ab buffer			DPBS + 2% BSA + 0.1% Na Azide + 2% serum (same as used for the blocking step)
ABC kit Vectastain PK-6100	Vector Laboratories		
DAB peroxidase substrate	Vector Laboratories	SK-4100	
ddH2O			
Hematoxylin	Fisher Scientific	CS401-D	counterstain
PermOUNT	Fisher Scientific	SP15-100	
Slides and cover-slips			glass