

Materials List for:

Enhanced Rabies Surveillance Using a Direct Rapid Immunohistochemical Test

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Materials

Name	Company	Catalog Number	Comments
3-Amino-9-Ethylcarbazole (AEC tablets; 50 count)	Sigma Aldrich (https://www.sigmaaldrich.com/)	A6926	
Acetate Buffer, 0.1M, 5.2 pH, 32 oz	Poly Scientific R&D Corp. (https://www.polyrnd.com/)	s140	
Ag Tek MiniScalpel, PN110, Non-sterile #10, 40 per package	Patterson Veterinary (https://www.pattersonvet.com/)	PN110	Supplemental equipment for sample touch impressions; Also available through Clipper Distributing (http://www.clipperdist.net/)
BD Luer-Lok Disposable Syringe without needle, 10 cc	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	14-823-2A	BD Manufacturer Number 309604
Binocular Light Microscope with Seidentopf Head or equivalent	Multiple Vendors		
Blue Rectangular UN-rated Disposal Container, 5G	Berlin Packaging (https://www.berlinpackaging.com/)	1147T01BLU	Supplemental equipment for chemical waste storage/disposal (Gill hematoxylin and AEC solution)
Corning Square and Rectangular Cover Glass, 24x60	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	12-553-465	Corning Manufacturer Number 2975246
Corning Universal Fit Pipet Tips: Racked, Nonsterile (1-200ul)	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	07-200-300	Corning Manufacturer Number 4863
Falcon 15 mL Conical Centrifuge Tubes, polypropylene	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	14-959-70C	Corning Manufacturer Number 352097
Falcon 96-Well Assay Plates (Tissue culture plate lids)	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	08-772-5	Corning Manufacturer Number 353910
Fisher Brand 25mm Syringe Filter, Nylon, 0.45 µm, Sterile	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	09-719D	
Fisher Chemical Gill Method Hematoxylin Stain (Gill-2), 4L	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	CS401-1D	

	www.fishersci.com/us/en/home.html)		
Fisherbrand Sharps-A-Gator Point-of-Use Sharps Containers, 5 qt	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	14-827-122	Supplemental equipment for proper BSL-2 Laboratory Set-Up
Fluoro-Gel with Tris Buffer (Gel/Mount Media), 20 mL	VWR, part of Avantor (https://vwr.com)	102092-122	Fluoro-Gel Substitute for BioMeda™ Gel-Mount, Electron Microscopy Sciences
Formalin, Buffered, 10%, 4L	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	SF100-4	Available each or in case of 4
Gilson Pipetman P200 Pipet, 50-200 µL	Daigger Scientific (https://www.daigger.com)	EF9930E	
Hy-Clone Phosphate Buffered Saline, 1x Solution, 1 L (PBS)	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	SH30256LS	Alternative dry powder product can be used
Hydrogen Peroxide, 3%	Multiple Vendors		Any commercially available source, such as pharmacy or store brands, etc.
Lens Microscope Objective 20x and 40x	Multiple Vendors		
Lysol IC Quarternary Disinfecting Cleaner, 1G	Daigger Scientific (https://www.daigger.com)	EF8481	Supplemental materials for proper BSL-2 Laboratory disinfection
Miltex brand Disposable Scalpel Size 22 (alternative size to MiniScalpel)	AMD Next (www.amdnext.com)	999112314	Supplemental equipment for sample touch impressions; Alternative size to Ag Tek MiniScalpel
N,N-Dimethylformamide, Amber Glass Packaging, 500 mL	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	D119-500	
Peroxidase Labeled Streptavidin, 50 mL	SeraCare (https://www.seracare.com/)	5550-0001	KPL Immunoassay and Kits Reference Number 71-00-38
Phosphate Buffered Saline Powder (alternative to Fisher liquid PBS)	Sigma Aldrich (https://www.sigmaaldrich.com/)	P3813	Must be prepared in 1 L distilled water; Available in quantities of 1, 10 and 50 packs
Primary antibody: Polyclonal anti-nucleoprotein or cocktail of anti-lyssavirus biotinylated antibodies			Store at 4 °C
PYREX Disposable Serological Pipets, Glass, Sterile, Plugged, Corning, 1.0 mL	VWR, part of Avantor (https://vwr.com)	7078D-1	VWR Manufacturer Number 89091-220
PYREX Disposable Serological Pipets, Glass, Sterile, Plugged, Corning, 10.0 mL	VWR, part of Avantor (https://vwr.com)	7078D-10	VWR Manufacturer Number 89091-106
PYREX Disposable Serological Pipets, Glass, Sterile, Plugged, Corning, 5.0 mL	VWR, part of Avantor (https://vwr.com)	7078D-5	VWR Manufacturer Number 89091-484
Richard-Allan Scientific Gills Hematoxylin Stain No. 2, 1PT (alternative to above)	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	22-050-201	Thermo Scientific Manufacturer Number 72504
Slide Holders, 24-place	VWR, part of Avantor (https://vwr.com)	25608-868	Sakura®Finetek Supplier Number 4465; Available through multiple vendors

Specimen Tin Boxes, 1/2 oz	VWR, part of Avantor (https://vwr.com)	101412-452	Supplemental equipment for storage of brain tissue samples
Taylor 2-Event Digital Timer/Clock	Multiple Vendors		Supplemental equipment
Tissue-Tek Slide Staining Kit	VWR, part of Avantor (https://vwr.com)	25608-902	Sakura®Finetek Supplier Number 4551; Available through multiple vendors
TWEEN 80, Polyethylene glycol, 500 mL	Sigma Aldrich (https://www.sigmaaldrich.com/)	P1754	Also available in 25 mL, 1 L and 1 G volumes
VWR FLIP Pipette Filler (0.05-100 mL)	VWR, part of Avantor (https://vwr.com)	53497-055	
VWR Soft Nitrile Examination Gloves, L (100 per box)	VWR, part of Avantor (https://vwr.com)	89038-272	Supplemental equipment for proper PPE
Water, Deionized (20 L)	VWR, part of Avantor (https://vwr.com)	10806-022	
Wheaton Clear Glass Sample Vials, 8 mL	Fisher Scientific (part of Thermo Fisher Scientific https://www.fishersci.com/us/en/home.html)	06-408C	DWK Life Sciences Manufacturer Number 224884
White Coated, Double Well Pattern Microscope Slides, 14 mm	Tekdon Incorporated (https://www.tekdon.com/coated-microscope-slides.html)	2-140	
White Rectangular UN-rate Disposal Container, 5G	Berlin Packaging (https://www.berlinpackaging.com/)	1147T01WHT	Supplemental equipment for chemical waste storage/disposal (Formalin)