

 **Prion**  
IHC ASSAY KITS

Chronic Wasting Disease  
Scrapie | **Detection**

**USDA**  
ACCREDITED

- ▶ NEW Prion IHC Assay for Scrapie and Chronic Wasting Disease (CWD) detection.
- ▶ Comprehensive product offering from retrieval to counterstain.
- ▶ Based on Biocare's USDA accredited protocol and validated antibody.



# Prion

IHC ASSAY KITS



*Reagents*



*intelliPATH*

Prion Retrieval

Prion IHC Assay Kits A & B

Prion Detection

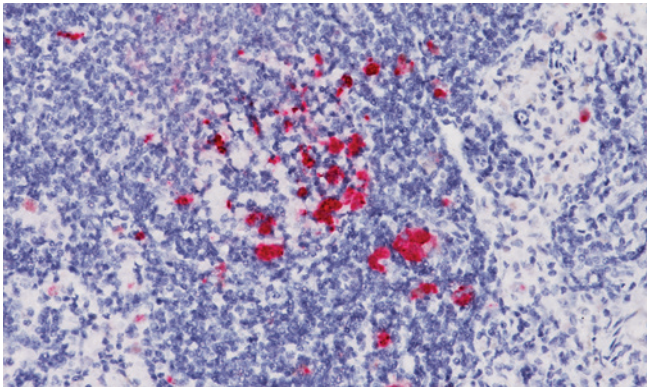
## The Biocare Prion IHC Assay Protocol

HIER	Diva Retrieval Buffer in Decloaking Chamber	- 20 mins at 121°C
Primary	Anti-Prion Protein MAb F99	- 40 mins - Wash 3X
Blocker	Prion Blocker	- 20 mins - Wash 2X
Detection	Prion Detection / AP	- 20 mins - Wash 3X
Chromogen	Warp Red	- 7 mins - Wash 2X
Counterstain	Prion Counterstain	- 5 mins - Wash 2X
Bluing	Prion Bluing Solution	- 4 mins - Wash 2X

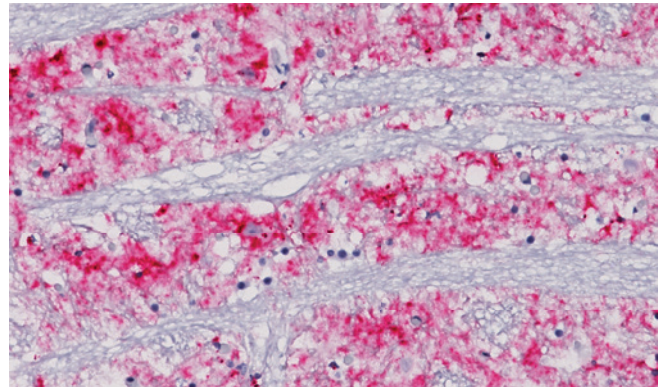
# Prion Detection with the intelliPATH™

The “gold standard” diagnostic test for CWD and Scrapie is the immunohistochemistry (IHC) test performed on the obex tissue of the brain or specific lymphoid tissues. Definitive diagnosis of CWD and Scrapie depends on the histopathology results from relevant brain material.

With Biocare’s column-adsorbed anti-prion antibody, sensitive and highly specific results are seen when staining prion positive tissue from infected brain and lymphoid tissues. Use of the Prion IHC Assay on the intelliPATH system results in high-quality, artifact-free staining targeted to the abnormal prion protein only.



📷 Prion-positive sheep spleen stained with Prion IHC Assay Kit



📷 Prion-positive sheep brain stained with Prion IHC Assay Kit

Biocare’s Prion IHC Assay is a comprehensive product solution for prion detection. The Biocare assay platform, the intelliPATH™ is a proven, random access 50 slide capacity automated stainer, designed for maximum flexibility and productivity. Combined with the fully programmable Decloaking Chamber™, Biocare’s Diva Retrieval Buffer, and our new Prion IHC Assay Kit, Biocare’s intelliPATH is the only USDA accredited solution for prion detection that supports the prion detection workflow from HIER (heat induced epitope retrieval) to counterstain application.

- ▶ Trusted retrieval products
- ▶ Streamlined kit format
- ▶ Quality assured F99 MAb
- ▶ Walk-away operation of versatile intelliPATH system
- ▶ Designed for convenience, value, and ease-of-use
- ▶ Unmatched corporate dedication to customer satisfaction

# Ordering Information

## Prion IHC Assay Kit

Product Name	Description	Cat. No.
Prion IHC Assay Kit A	F99 Anti-Prion Detection	IPR5030K G15
Prion IHC Assay Kit B	Counterstain Kit (250 tests)	IPR5033K G80

## Ancillaries

Product Name	Volume	Cat. No.
Automation Wash Buffer TBS, 20X	500 ml	TWB945 M
Diva Retrieval Buffer	1 gal.	DV2004 G1

## intelliPATH™

Product Name	Volume	Cat. No.
intelliPATH Automated Staining Instrument*	1 each	IPS0001US/INTL

\* Includes the intelliPATH Automated Staining Instrument, PC, monitor, keyboard, mouse, UPS, label and report printers.

## intelliPATH™ Specifications Summary

Slide capacity	50
Independent trays	5 trays, 10 slides per tray
Reagent vial capacity	48 (20 ml vials)
Cold spot capacity	2 (6 ml vials)
Mixing vial capacity	18 (6 ml vials)
Buffer inlets	3
Waste separation	Separated hazardous and non-hazardous