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## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** B01437G **Lot #:** 22K33417

**Description:** Goat anti HCV E1  
Goat Antibody to Hepatitis C Virus (HCV) E1

**Specificity:** HCV E1 envelope protein. Reacts with genotype 1a in ELISA. Reacts with genotypes 1b and 2a in Western Blot. In IFA, reacts with genotype 1b, but does not react with genotype 2a.

**Host Animal:** Goat

**Immunogen:** Recombinant E1 (Genotype 1a)

**Format:** Purified, Liquid

**Purification:** > 95% pure. Sodium sulfate precipitation and ion exchange chromatography.

**Concentration:** 4-5 mg/mL (OD280nm,  $E^{0.1\%} = 1.4$ )

**Buffer:** 0.01 M Phosphate Buffered Saline, pH 7.2  
No stabilizing proteins have been added.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in ELISA, IFA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Short term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Notes (s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Brenda Dunn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**