Recombinant HCV Core Genotype-4

DAG3322 HCV

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Recombinant HCV Core Genotype-4
Antigen Description	Hepatitis C Virus (HCV) is a small 50 nm, enveloped, single-stranded, positive sense RNA virus in the family Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lac
Description	HCV Core Genotype-4 Recombinant
Source	E. coli
Species	HCV
Specificity	The E.coli derived recombinant protein contains the HCV core nucleocapsid immunodominant regions, amino acids 2-119. HCV Core Genotype-4 protein was purified by proprietary chromatographic technique. The protein is >95% pure as determined by 10% PAGE coo
Form	50 mM Tris-HCl, pH-8, 60 mM NaCl, 10 mM glutathione, 0.25% sarkosil & 50% glycerol
Applications	ELISA and western blots
Usage	detection of HCV with minimal specificity problems.
Quality Control Test	100 micrograms, 500 micrograms, 1 milligram

PACKAGING

Storage	Protein may be shipped at ambient temperature. Upon arrival, store at -20°C. It is stable for up to five years frozen, one month in solution at room temperature.

BACKGROUND

Introduction	Hepatitis C virus (HCV or sometimes HVC) is a small (55–65 nm in size), enveloped, positive-sense single-stranded RNA virus of the family Flaviviridae. Hepatitis C virus is the cause of hepatitis C in humans. The hepatitis C virus belongs to the genus Hepacivirus a member of the family Flaviviridae. Until recently it was considered to be the only member of this genus. However a member of this genus has been discovered in dogs - canine hepacivirus. There is also at least one virus in this genus that infects horses.
Keywords	Hepatitis C Virus Core antigen Genotype-4; HCV Core antigen Genotype-4

REFERENCES

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