

Specification sheet

Protein	HCV Core
REF	17-06
Description	<i>E.coli</i> derived recombinant protein, contains immunodominant region of Hepatitis C Virus (type 1b) Core protein (2-120 aa) and 6xHis tag.
Source	<i>E.coli</i>
Molecular weight	15 kDa
Format	Purified, liquid
Purification	Metal affinity chromatography, dialysis
Purity	>95%, 15% SDS-PAGE Coomassie staining
Concentration	Lot specific, >1 mg/mL (Pierce BCA Protein Assay)
Buffer	0.02 M NaHCO ₃ , pH 8.0, 100 mM NaCl, 1 mM EDTA
Preservative	0.02% NaN ₃
Storage	+4°C short term; -18...-22°C or below for 3 years; avoid multiple freeze/thaw cycles
Applications	Western blot, ELISA; Reacts with HCV positive serum