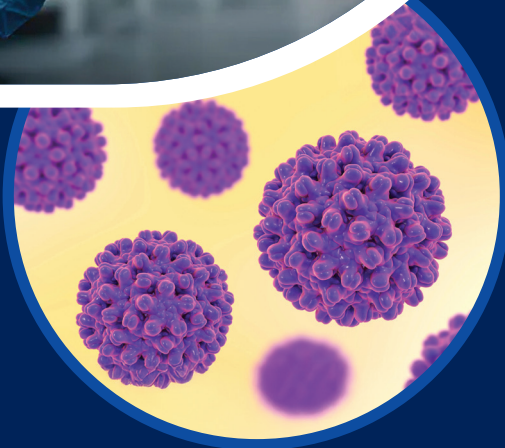


HIMEDIA®

For Life is Precious

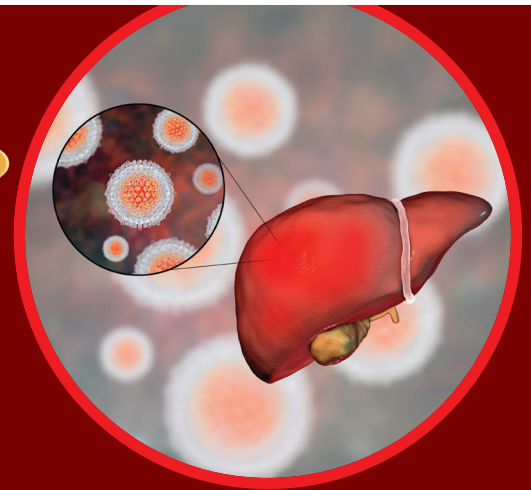
HiGenoMB®
Unzipping Genes

HiMedia's HiGenoMB® Division Secures
CDSCO Manufacturing Licenses for
Hepatitis B & Hepatitis C
Detection & Quantitation Probe PCR Kits



MBPCR181 Hi-PCR®
Hepatitis B Virus
(HBV)
Detection and
Quantitation Probe PCR Kit

For the detection and
quantitation of Hepatitis
B Virus (HBV) specific DNA
encompassing all major
HBV genotypes
(HBV genotype A-J)

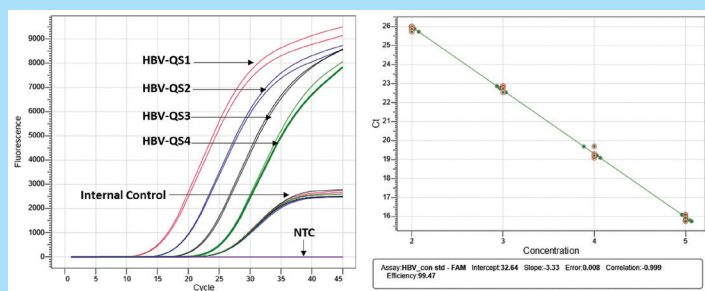


MBPCR182 Hi-PCR®
Hepatitis C Virus
(HCV)
Detection and
Quantitation Probe PCR Kit

For the detection and
quantitation of Hepatitis
C Virus (HCV) specific RNA
encompassing all major
HCV genotypes
(HCV genotype 1-7)

Kit Information

Catalog#	MBPCR181-25R, MBPCR181-50R, MBPCR181-100R
Pack Size	25R, 50R, 100R
Kit Components	HBV Master Mix, HBV Primer-Probe Mix, HBV Quantitative Standards (HBV-QS)
Validated Extraction Kits	MB582MPF16, MB582MPF-32, MB582MPF-96, QIAamp Viral DNA kit, Mylab and TRUPCR
Validated Thermal Cycler	HiMedia's Insta Q96® series, Biorad's CFX Opus 96 and Thermo Fisher's QuantStudio™, StepOne™ System
Specimen Type	EDTA Plasma
Run Time	1hr and 34mins
Shelf Life	12 months at -20°C
Open System	Compatible with 4-channel, 5-channel and 6 channel qPCR cyclers



Detection channel

Target

FAM	HBV
ROX/Texas Red	IC

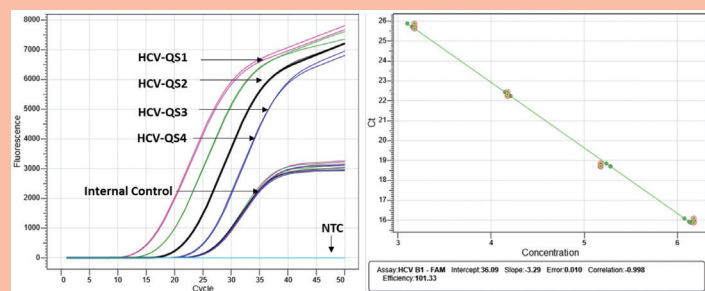
Analytical Performance

Sensitivity	15 IU/mL (with NIBSC standard) 0.1 IU/μL (with synthetic DNA standard)
Linear Range	2.9 x 10 ⁴ IU/mL to 15 IU/mL (with NIBSC standard) 1 x 10 ⁸ IU/μL to 0.05 IU/μL (with synthetic DNA standard)
Specificity	100% (<i>In silico</i> analysis and wet lab testing)

Standards calibration, Sensitivity and linear range determination using 5th WHO International Standard for Hepatitis B virus DNA for nucleic acid amplification techniques (NIBSC code: 22/120)

Kit Information

Catalog#	MBPCR182-25R, MBPCR182-50R, MBPCR182-100R
Pack Size	25R, 50R, 100R
Kit Components	HCV Master Mix, HCV Primer-Probe Mix, HCV Quantitative Standards (HCV-QS)
Validated Extraction Kits	MB582MPF16, MB582MPF-32, MB582MPF-96, QIAamp Viral RNA kit
Validated Thermal Cycler	HiMedia's Insta Q96® series, Biorad's CFX Opus 96 and Thermo Fisher's QuantStudio™
Specimen Type	EDTA Plasma
Run Time	2hrs and 30mins
Shelf Life	12 months at -20°C
Open System	Compatible with 4-channel, 5-channel and 6 channel qPCR cyclers



Detection channel

Target

FAM	HCV
ROX/Texas Red	IC

Analytical Performance

Sensitivity	≈ 43 IU/mL (with NIBSC standard) 0.15 IU/μL (with synthetic DNA standard)
Linear Range	1.01 x 10 ⁴ IU/mL to 43 IU/mL (with NIBSC standard) 1.5 x 10 ⁸ IU/μL to 0.075 IU/μL (with synthetic DNA standard)
Specificity	100% (<i>In silico</i> analysis and wet lab testing)

Standards calibration, Sensitivity and linear range determination using 6th International Standard for Hepatitis C virus RNA for nucleic acid amplification techniques (NIBSC code: 18/184)



For Life is Precious

HiMediaLaboratories™

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