Nuclear Laser Medicine

GENOTYPING HCV

Gen-C 3.0

Identification of genotypes 1 to 7 and numerous subtypes.

Gen-C 3.0 is a strip-based reverse transcription hybridization assay for the genotyping of hepatitis C virus (HCV). The test identifies the most common viral genotypes and subtypes, discriminating them based on variations found in the 5' untranslated regions (5'UTR) and core regions of the HCV genome.

CHARACTERISTICS

Target
5'UTR and CORE of the HCV genome

Technology
Reverse hybridization on strip

Sample
Plasma

Performance characteristics
- Sensibility: 100%
- Specificity: 100%

Software
Software Marker Detection cod. DO018-S

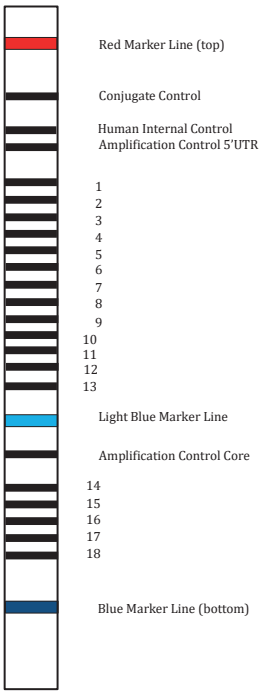
- READY-TO-USE-MIX
- HIGH SENSIBILITY AND SPECIFICITY
- AMPLIFICATION AND DETECTION CONTROLS
- REAGENTS FOR THE AMPLIFICATION OF NUCLEIC ACIDS INCLUDED

WORKFLOW

RNA Extraction › RNA Amplification › RDB › Results

CE 0123 IVD

GENOTYPE AND SUBTYPES



GENOTYPE

1, 2, 3, 4, 5, 6, 7

SUBTYPES

1a, 1b, 2a/2c, 2b, 3a, 3b, 3c, 3k,
4a, 4a/4d, 4a/k, 4f, 5a,
6a/6b, 6g, 6m, 6t e 7a

COMPATIBILITY

Nucleic Acid Extraction

QIAsymphony® DSP Virus/Pathogen Midi Kit, cod. NLM AA1440/96
MagCore® Viral Nucleic Acid Extraction Kit, cod. NLM AA1186
QIAamp DSP Virus Spin Kit, cod. NLM AA1021

Amplification system

SimpliAmp™ Thermal Cycler, cod. NLM CA139
C1000™ Thermal Cycler, cod. NLM CA157
T100™ Thermal Cycler, cod. NLM CA148

Detection

Manual
Tecan ProfiBlot T48, cod. NLM I-1002
Dynex Dynablot Heat, cod. NLM CC006
Ulteriori strumenti di rivelazione

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Name	Code
GEN-C 3.0	AC004/24

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