

IntelliPlex™ HCV Genotyping Kit

The IntelliPlex HCV Genotyping Kit is a qualitative molecular assay for the differentiation of 6 major genotypes and 2 subtypes of hepatitis C virus (HCV). Based on the proprietary probe design and π Code MicroDisc technology, the assay is intended to detect genotypes 1 to 6 and 1a, 1b subtypes of HCV in the cDNA sample prepared from serum and plasma or cell culture samples.

Genotypes

Genotype 1	Genotype 2
Genotype 3	Genotype 4
Genotype 5	Genotype 6
Subtypes 1a and 1b	

Product Highlights

- Single-well qualitative 8-plex detection panel for HCV genotyping
- Highly sensitive (~250 IU/mL)
- < 6 hrs turnaround time (sample preparation included)

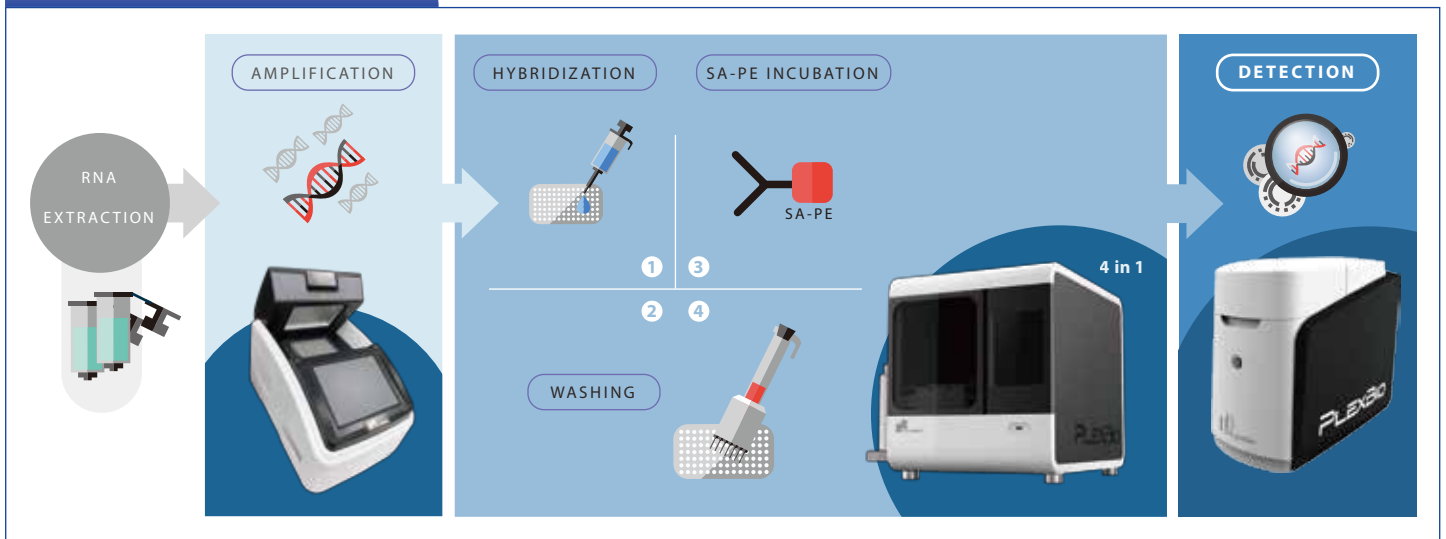
Specimen Types

- Serum
- Plasma
- Cell Culture

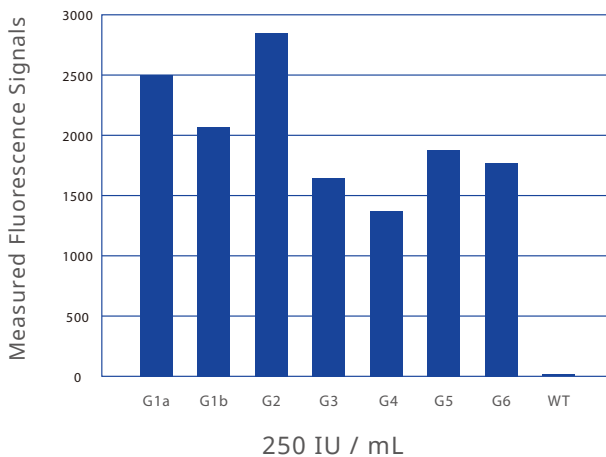
Instrumentations

- DigiPlex™ Thermocycler
- IntelliPlex™ 1000 π Code Processor
- PlexBio™ 100 Fluorescent Analyzer

Assay Work Flow



Performance Data



Analytical Sensitivity of the IntelliPlex HCV Genotyping Kit

	Sanger Sequencing		Clinical Sensitivity	Clinical Specificity
	+	-		
Genotype 1a	+	3	100%	98%
	-	0		
Genotype 1b	+	0	91%	100%
	-	3		
Genotype 2	+	0	100%	100%
	-	0		
Genotype 3	+	1	100%	98%
	-	0		
Genotype 6	+	7	100%	98%
	-	0		

IntelliPlex HCV Genotyping Kit vs. Sanger Sequencing

* Serum samples (N=56) were tested in parallel with Sanger sequencing

Order Information

Category	Product Name	Package Size	Cat. no
Assay Kit	IntelliPlex HCV Genotyping Kit	24 rxns	82005

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