

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® HCV FAST RT PCR Kit (Real-Time Quantitative PCR Kit)		
Doc No.	MSDS/HL/010	Ver No:00	Effective from: 1/11/23

Identification	1	Company	HLSS Manufacturing Pvt Ltd	
Sulthanpur villiage, Ameenpur Mandal, Sangareddy Dist, TS-502319 Emergency Contact Tel: +91-08413-232256/ +91-9052226226 Email: info@huwellifesciences.com http://www.huwellifesciences.com 2.1 Name of the Product : Quantiplus® HCV FAST RT PCR Kit (Real-Time Quantitative PCR Kit) 2.2 Product Code : QTF-HCV-25 QTF-HCV-50 QTF-HCV-100 2.3 Pack size (No. of rxns) Intended use: Quantiplus® HCV FAST RT-PCR Kit is a reverse transcription Real-Time PCR based in vitro diagnostic assay for quantitation of Hepatitis C Virus (1-6 genotypes) in human plasma. The kit contains single tube qPCR mix with Reverse Transcriptsae and UDG/JUNG, Primer Probe Mix (PPM), Standards (HCVFQS1-HCVFQS4), and Internal Control (IC-B mix). This advanced formulation enables performance of fast PCR in shorter run time (≤60 min), and UDG/UNG helps in controlling PCR carryover contamination. This kit is not to be used for screening of blood/blood products from blood donors. 2.5 Composition/ Information on reagents: **Note** : This product must be used for Invitro Diagnostic Use only. This product must be used by scientists/ laboratory technicians with strong knowledge on molecular biology as per Good Laboratory practice (GLP) and product insert/ instruction manual. 3 Hazards identification **Hazards** identification** Significant health effects are not anticipated from routine use of this kit when following the precautions listed within this MSDS and the kit specific package insert. None of the components listed within this kit are considered hazardous as defined by the Occupational Safety and Health Administration (OSHA). OSHA Hazards Inhalation : No information available. Eye Contact : May be harmful. **Significant health effects are not anticipated from routine use of this kit are considered hazardous as defined by the Occupational Safety and Health Administration (OSHA). OSHA Hazards Inhalation : No information available. Eye Contact : May cause irritation. **First-Aid Measures** For all incidents, a medical exam is desirable	_			
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Skin Contact : No information available. Eye Contact : May cause irritation. 4 First-Aid Measures For all incidents, a medical exam is desirable			Inhalation	: No information available.
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		Ingestion - May Induce immediate veniting, seek medical advice		
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		Skin Contact : Wash copiously with water and soap. Eye Contact : Flush eyes copiously with water and seek medical advice		
		Lye Contact . Flush eyes coplously with water and seek medical advice		
5	Fire-fighting	Extinguishing media: Use any mean suitable to extinguish the		
	Measures	surrounding fire		
		Un-extinguishing media : No information available		
		Special hazards of product: No information available		
		Protective equipment For fire fighting: Carry an autonomous respiratory		
		protection apparatus and appropriate protection clothes		
6	Accidental release	Individual Precaution: Use an individual protection equipment		
	Measures	Environmental Precaution: If incident, let flow run copiously		
		Method of cleaning: Clean with an inert absorbent		
7	Handling and	No specific recommendation is requested. Always store in frozen condition,		
	storage	Observe all conditions described in the user manual and on the labels. As		
		with all chemical and biological substances, avoid getting the components		
		within this kit spilled on you or into your body. Do not eat or drink while		
		using this kit. This kit should be handled only by qualified clinical or		
		laboratory employees trained on the use of this kit and who are familiar		
		with the potential hazards. Universal precautions to be followed when		
		handling and working with this kit.		
8	Exposure controls			
	EXDOSURE CONTROLS			
8.1	Exposure limits	: No information available		
	-	: No information available Respiratory protection : No information available		
8.1	Exposure limits			
8.1	Exposure limits Personnel	Respiratory protection : No information available		
8.1	Exposure limits Personnel	Respiratory protection : No information available Hands protection: Wear water-proof gloves		
8.1	Exposure limits Personnel	Respiratory protection : No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles		
8.1	Exposure limits Personnel	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat		
9	Exposure limits Personnel Protection	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security		
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9	Personnel Protection Physical and Chemical properties	Respiratory protection : No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid		
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9	Personnel Protection Physical and Chemical properties Physical state	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid Chemical, physical, and toxicological properties have not been thoroughly		
8.1 9 10	Personnel Protection Physical and Chemical properties	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated		
8.1 9 10	Personnel Protection Physical and Chemical properties Physical state Stability and	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated Stability: Stable under conditions described in the Product insert		
8.1 9 10	Personnel Protection Physical and Chemical properties Physical state Stability and	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated Stability: Stable under conditions described in the Product insert Materials to avoid: No information available		
8.1 9 10 10.1	Personnel Protection Physical and Chemical properties Physical state Stability and reactivity	Respiratory protection: No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions : Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated Stability: Stable under conditions described in the Product insert Materials to avoid: No information available Hazardous decomposition Products: No information available		

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FM No: QA-024-F026-00



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		Skin	: No information available	
		Inhalation	: No information available	
		Ingestion : No information available		
		Consider Effects		
		Special Effects	N 6	
		Carcinogen	: No information available	
		Mutagen	: No information available	
		Toxicity for reproduction	: No information available	
		Sensitization	: No information available	
13	Ecological	Mobility	: No information available	
	information	Persistence/degradation	: Intrinsically biodegradable	
		Bioaccumulation	: No information available	
		Aquatic Toxicity	: No information available	
		Disposal Considerations & re	equirements : Dispose in accordance with	
		state and local regulations		
14	Transportation	The product is not dangerous. Follow IATA regulations		
	information			
15	Regulatory	No information available		
	information			
16	Other Information	HLSS Manufacturing Pvt Ltd assumes no liability for damages resulting		
		from handling or being in	contact with this product. Customer is solely	
		responsible for improper usage of this product other than for what this		
		product is designed to use. The kit and its components may present		
		unknown hazards and should be used with caution. Improper use and/or		
		inappropriate combination with other products and substances may		
		produce harmful results.		
		p. 53.35		
	-End-			

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