

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® Dengue Virus Real-Time Qualitative PCR Kit		
Doc No.	MSDS/HL/005	Ver No:00	Effective from: 1/11/23

1	Company identification	HLSS Manufacturing Pvt Ltd Plot No's M14, M15, M16, TSIIC Medical device park Sulthanpur villiage, Ameenpur Mandal, Sangareddy Dist, TS-502319 Emergency Contact Tel: +91-08413-232256/ +91 9052226226 Email: info@huwellifesciences.com http://www.huwellifesciences.in	
2	Product identification		
2.1	Name of the Product	: Quantiplus® Dengue Virus Real-Time Qualitative PCR Kit	
2.2	Product Code	: QL-DEN-25 QL-DEN-50 QL-DEN-100	
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Tests, 100 Tests	
2.4	Intended use:	Quantiplus® Dengue Virus Real-Time Qualitative PCR Kit is a Real-Time PCR based in vitro diagnostic assay for the detection of Dengue virus in human plasma. The kit contains Amplification Mix with Primer Probe Mix, Positive Control and Internal Control (IC-B Mix). The internal control mix helps to identify possible PCR inhibition without affecting the analytical sensitivity of the assay.	
2.5	Composition/ Information on reagents:	The product contains general buffer, dNTP's, amplification mix, primer and probes and MgCl ₂ with non-hazardous properties. 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	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 Ingestion Skin Contact Skin Contact Eye Contact Significant network are not anticipated from routine use of this kit are considered within this MSDS and the kit specific package insert. No information all this kit are considered within this MSDS and the kit specific package insert. No information all this kit are considered within this MSDS and the kit specific package insert. No information all this kit are considered within this MSDS and the kit specific package insert. No information all this kit are considered hazardous as defined by the Occupational Safety and Health Administration (OSHA). SHA Hazards Indicate the considered within this MSDS and the kit specific package within this MSDS and the kit specific package insert. No information available. In May be harmful. Skin Contact Hazards Hazar	
4	First-Aid Measures	For all incidents, a medical exam is desirable Inhalation : No information available. Ingestion : May Induce immediate vomiting, seek medical advice Skin Contact : Wash copiously with water and soap. Eye Contact : Flush eyes copiously with water and seek medical advice	

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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 or		
			I biological substances, avoid getting the components
		-	on you or into your body. Do not eat or drink while
			kit should be handled only by qualified clinical or
			s trained on the use of this kit and who are familiar lazards. Universal precautions to be followed when
		handling and working	•
		nanaling and working	y with this kit.
8	Exposure controls		
0.1	E 1: 1:	N. C. II	2.11
8.1	Exposure limits	: No information available	
9	Personnel	Respiratory protection : No information available	
	Protection	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	
10	Physical and		
	Chemical		
	properties		
10.1	Physical state	: Liquid	
		Chemical, physical, and toxicological properties have not been thoroughly	
		investigated	
11	Stability and	Stability: Stable under conditions described in the Product insert	
	reactivity	Materials to avoid: No information available	
12	Tavicalarian	Hazardous decomposition Products: No information available	
12	Toxicological information	Potential effects on health	
	iniormation	Eyes Skin	: No information available : No information available
		Inhalation	: No information available
		Ingestion	: No information available
		11190301011	. No illiorination available
		Special Effects	
		Carcinogen	: No information available
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Caution



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		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 & r	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.		
-End-				