

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® Scrub Typhus Fast Detection Kit (Real-Time Qualitative PCR Kit)		
Doc No.	MSDS/HL/035	Ver No:00	Effective from: 01/11/23

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® Scrub Typhus Fast Detection Kit (Real-Time Qualitative PCR Kit)		
2.2	Product Code	: QLF-SCT-25 , QLF-SCT-50		
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Tests		
2.4	Intended use:	Quantiplus® Scrub Typhus Fast Detection Kit is a Real-Time PCR based in-vitro diagnostic assay for detection of Scrub typhus (Orientia tsutsugamishu) in blood and plasma. The kit consists of amplification mix with UDG/UNG, specific primers and probe mix for Scrub typhus and internal control, internal control mix, Scrub typhus positive control (SCT FPC) along with molecular biology grade water (to be used as negative control). This advanced fromulation enables performance of fast PCR in shorter run time, and UDG/UNG helps in controlling the PCR carryover contamination.		
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 is Research 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 You information available. No information available. No information available. May be harmful. Skin Contact May cause irritation.		
4	First-Aid Measures	For all incidents, a medical exam is desirable		

Page 1 of 3



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Doc No. MSDS/HL/035		MSDS/HL/035		Ver No:00	Effective from: 01/11/23	
			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			
5	Fire-fighting Measures		Extinguishing media: Use any mean suitable to extinguish the 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 Measures		Individual Precaution: Use an individual protection equipment Environmental Precaution: If incident, let flow run copiously Method of cleaning: Clean with an inert absorbent			
7	Hand stora	ling and ge	No specific recommendation is requested. Always store in frozen condition, 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					
8.1	Expos	ure limits	: No information available			
9	Perso Prote	_	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			
10	Physi Chem prope					
10.1		cal state	: Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated			
11	Stabi react	lity and ivity	Stability: Stable under conditions described in the Product insert Materials to avoid: No information available Hazardous decomposition Products: No information available			
12					mation available	

Page 2 of 3

Caution

If you have any further questions about this MSDS, please contact our Technical Support by email: info@huwellifesciences.in



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			Skin Inhalation Ingestion	: No informati : No informati : No informati	on available
			Special Effects Carcinogen Mutagen Toxicity for reproduc Sensitization	: No informati : No informati	on available on available on available
13	Ecolo infor	gical mation	state and local regula	: No informati : No informati ons & requirements : Disp ations	biodegradable on available on available oose in accordance with
14	Transportation The product is not dangerous. Follow IATA regulations information		gulations		
15	_	latory mation	No information available		
16	Other	r 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.		
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