

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® MTB/NTM Real Time Qualitative PCR Kit		
Doc No.	MSDS/HL/024	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® MTB/NTM Real Time Qualitative PCR Kit		
2.2	Product Code	: QL-MTB/NTM-25, QL-MTB/NTM-50, QL-MTB/NTM-100		
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Tests , 100 Tests		
2.4	Intended use:	Quantiplus® MTB/NTM Real-Time Qualitative PCR Kit is used to detect Mycobacterium tuberculosis (MTB) complex (Mycobacterium africanum, Mycobacterium bovis, Mycobacterium canettii, Mycobacterium microti, Mycobacterium tuberculosis) and Mycobacterium genus which helps in identifying NTM (Non-tubercular mycobacterium) in pulmonary and extra pulmonary samples. The kit contains amplification mix along with MTB, NTM, Internal Control Primers and Probes Mix (PPM), Internal Control (IC-B mix), Huwel MTB/NTM PC along with Huwel PW.		
2.5	Composition/ Information on reagents:	The product contains general buffer, dNTP's, ready mix containing amplification mix with primer and probes and MgCl ₂ with non-hazardous properties. Note: This product is for 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 No information available. No information available. May be harmful. Skin Contact May cause irritation.		

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4 First-Aid Measures		For all incident Inhalation Ingestion Skin Contact Eye Contact	Ingestion : May Induce immediate vomiting, seek medical advice Skin Contact : Wash copiously with water and soap.		
5	Fire-fighting Measures	surrounding fi Un-extinguish Special hazard Protective equ	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 relea Measures	Environmenta	Individual Precaution: Use an individual protection equipment Environmental Precaution: If incident, let flow run copiously Method of cleaning: Clean with an inert absorbent		
7 Handling and storage		condition, Obs labels. As with components w or drink while clinical or labo familiar with t	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 contro	ols			
8.1	Exposure limits	: No informati	: No information available		
9	Personnel Protection	Hands protection Eyes protection Skin 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 Instructions		
10	Physical and Chemical properties				
10.1	Physical state	: Liquid Chemical, phy investigated	Chemical, physical, and toxicological properties have not been thoroughly		
11	Stability and reactivity	Materials to a	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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12	Toxic	ological	Potential effects on h	nealth		
informa		mation	Eyes Skin Inhalation Ingestion	: No i	: No information available: No information available: No information available: No information available	
			Special Effects Carcinogen Mutagen Toxicity for reproduct Sensitization	: No i	nformation available nformation available nformation available nformation available	
13	Ecolo inforr	gical mation	Mobility Persistence/degrada Bioaccumulation Aquatic Toxicity Disposal Consideration state and local regul	tion : Intr : No i : No i ons & requireme	nformation available insically biodegradable nformation available nformation available nts: Dispose in accordance with	
14	I	portation nation	The product is not dangerous. Follow IATA regulations			
15		latory nation	No information available			
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.			
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