

Doc Name:	Material Safety Data Sheet (MSDS) for HIV-1 Quantitation Kit (Real-time Quantitative PCR Kit)		
Doc No.	MSDS/HL/017	Ver No:00	Effective from: 01/11/23

1	Company identification	<p>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</p> <p>Email: info@huwellifesciences.com http://www.huwellifesciences.in</p>
2	Product identification	
2.1	Name of the Product	Quantiplus® HIV-1 Quantitation Kit (Real-time Quantitative PCR Kit)
2.2	Product Code	QT-HIV-25, QT-HIV-50
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Test
2.4	Intended use:	<p>Quantiplus® HIV-1 Quantitation Kit is a Real-Time PCR based in vitro diagnostic assay for detection and quantitation of HIV genotypes (A, B, C, D, AE, F, G, AA - GH) in human plasma. The kit contains Amplification Mix with specific Primers and Probes, Standards (Huwel HIQS1-Huwel HIQS4) and Internal Control along with molecular biology grade water (to be used as a negative control). The kit contains a second amplification system to identify possible PCR inhibition by using an exogenous internal control (Huwel IC-A Mix) without affecting the analytical sensitivity of the assay.</p>
2.5	Composition/ Information on reagents:	<p>The product contains general buffer, dNTP's, ready mix containing amplification mix with primer and probes and MgCl₂ with non-hazardous properties.</p> <p>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.</p>
3	Hazards identification	<p>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).</p> <p>OSHA Hazards : No Known OSHA Hazards Inhalation : No information available. Ingestion : May be harmful. Skin Contact : No information available. Eye Contact : May cause irritation.</p>
4	First-Aid Measures	For all incidents, a medical exam is desirable

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		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	Handling and storage	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	Exposure limits	: No information available	
9	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 Instructions	
10	Physical and Chemical properties		
10.1	Physical state	: Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated	
11	Stability and reactivity	Stability: Stable under conditions described in the Product insert Materials to avoid: No information available Hazardous decomposition Products: No information available	
12	Toxicological information	<u>Potential effects on health</u> Eyes : No information available Skin : No information available	

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		Inhalation	: No information available
		Ingestion	: No information available
		<u>Special Effects</u>	
		Carcinogen	: No information available
		Mutagen	: No information available
		Toxicity for reproduction	: No information available
		Sensitization	: No information available
13	Ecological information	Mobility	: No information available
		Persistence/degradation	: Intrinsically biodegradable
		Bioaccumulation	: No information available
		Aquatic Toxicity	: No information available
		Disposal Considerations & requirements : Dispose in accordance with state and local regulations	
14	Transportation information	The product is not dangerous. Follow IATA regulations	
15	Regulatory information	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.	
-End-			

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