

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® Adenovirus Real-Time Quantitative PCR Kit		
Doc No.	MSDS/HL/001	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® Adenovirus Real-Time Quantitative PCR Kit		
2.2	Product Code	: QT-ADV-25 QT-ADV-50 QT-ADV-100		
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Tests, 100 Tests		
2.4	Intended use:	Quantiplus® Adenovirus Real-Time Quantitative PCR Kit is a Real-Time PCR based in vitro diagnostic assay for quantitation of Adenovirus in human plasma, CSF, and urine. The kit contains Amplification Mix with specific Primers and Probes, Standards (ADQS1-ADQS4) and Internal 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		
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 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 : No Known OSHA Hazards Inhalation : No information available. Ingestion : May be harmful. 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. Ingestion : May Induce immediate vomiting, seek medical advice		
		Skin Contact : Wash copiously with water and soap.		

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Caution



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		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	Potential effects on health Eyes : No information available Skin : No information available Inhalation : No information available Ingestion : No information available	

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		Special Effects		
		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 & requirements : 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-				