杭州奥泰生物技术股份有限公司 Hangzhou AllTest Biotech Co., Ltd	版本号 Version No.: 02 修订号 Revision No.: 00		ALL
化学品安全说明书 Material Safety Data Sheet	日期 Date: 2018-10-30 第1页共4页 Page 1 of 4		TEST

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier		
Trade Name:	MONO Rapid Test	
Catalog Number:	IMO-402	
1.2 Relevand identified uses	of the substance or mixture and uses advised against	
Rapid Test kit for In vitro Diagnosti	ic	
<b>1.3</b> Details of the suppleier of	of the safety data sheet	
Manufacturer:	Hangzhou Alltest Biotech Co., Ltd	
Address:	No 550, Yinhai Street, Hangzhou Economic and Technological Development Area, Zhejiang	
	Province, China	
Phone number:	Phone number is available during office hours as follows: +86-0571-56267850	
Fax number:	+86-0571-56267856	
E-Mail Contact Person:	Yan.Zhang@alltests.com.cn	
1.4 Emergency Telefone Number		
Contact the regional poison Control Center		

# 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to regulation (EC) No. 1272/2008 appendix VII: Not applicable
Chemical Ingredient Chemical Data / Information
Classification according to regulation 67/548/EEC or regulation 1999/45/EC: Not applicable
2.2 Label elements
Labelling according to regulation (EC) No. 1272/2008
The product does not need to be labelled in accordance with EC directives or respective national laws.
Hazard picograms and Signal word:
No
Hazardous components for labeling: No
Hazard statements: No
Precautionary statements: No
2.3 Other hazards
At this concentration, this biocidal preservative is irritating to eyes and skin, and may be detrimental if enough is ingested (quantiti

At this concentration, this biocidal preservative is irritating to eyes and skin, and may be detrimental if enough is ingested (quantities above those found in the kit). ProClin 300 is a skin sensitizer; prolonged or repeated exposure may cause allergic reaction in cert ain sensitive individuals [H317].

# 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances					
This product is a mixture 3.2 Mixtures					
Hazardous ingredients	CAS No.	EINECS No.	REACH Registration No.	Classification: Category Codes/ Hazard statement	W/W %
Mixture of 5-Chloro-2- methyl-4-isothiazolin-3- one and 2-Methyl-2H - isothiazol-3-one (3:1)	55965-84-9	N/A	Not available	Acute Tox. 3: H301-H311- H331 Skin Corr. 1B: H314 Skin Sens. 1: H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0,001 %
Lowest generic cut-off value according to Table 1.1 Annex $I: \ge 0.1$					
Lowest specific concentration limits according to Table 3.1 Annex VI:					
Skin Corr. 1B; H314 C ≥ 0.6 %					
Skin Irrit. 2; H315: 0,06 % ≤ C < 0.6 %					
Eye Irrit. 2; H319: $0,06 \% \le C < 0.6 \%$					

Skin Sens. 1; H317: C ≥ 0.015 %

	4 FIRST-AID MEASURES	
4.1 Description of first aid measures		
After inhalation         Remove person from exposure area to fresh air. If breathing becomes difficult, immediately call for emergency medical assistance. Treat symptomatically and supportively. Generally, this aqueous product not a significant inhalation hazard in the kit volumes and concentrations present.		

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After skin contact	Remove contaminated clothing. Flush skin with copious water and wash affected area with soap and water.		
	If blood-to-blood contact occurs or if more severe symptoms develop, consult a physician.		
After eye contact	Flush eyes with copious water for at least 15 minutes. Ensure adequate flushing by separating the eyelid		
	with fingers while flushing with water. OBTAIN MEDICAL ATTENTION.		
After Ingestion	If ingested, wash out mouth thoroughly with water, provided the person is conscious, and OBTAIN		
	MEDICAL ATTENTION. Call a physician or the local poison control center. Treat symptomatically and		
	supportively. If vomiting occurs, keep head lower than hips to prevent aspiration.		
4.2 Most important symptoms and effects, both acute and delayed			
Not applicable.			
4.3 Indication of any immediate medical attention and special treatment needed			

No data available.

#### **5 FIRE-FIGHTING MEASURES**

5.1 Extinguishing media		
Suitable extinguishing media:	The common fire extinguish media can be used	
Unsuitable extinguishing media: Not investigate		
5.2 Special hazards arising from the substance or mixture		
Not find yet		
5.3 Advice for fire-fighters		
dry-chemical fire extinguisher		

#### ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Avoid direct contact with skin, eyes, mucous membranes and clothing by wearing appropriate lab personal protective equipment (PPE) including gloves, lab coat and eye/face protection.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

6

Clean up with broom.

6.4 Reference to other sections

Collect material and dispose of waste according to section 13.

#### 7 HANDLING AND STORAGE

7.1 Precautions for safe handling				
General hygiene measures: Do not eat, drink or smoke in the area where specimens and kits are handled. Wash hands after use.				
Contaminated clothing and protective equipment must remove before entering eating areas.				
7.2 Conditions for safe storage, including any incompatibilities				
Information about storage conditions: Note the storage conditions on product packaging.				
Requirements for storage rooms and containers: Store in a cool dry place.				
7.3 Specific and uses				

7.3 Specific end uses

Rapid chromatographic immunoassay for the qualitative detection of Infectious Mononucleosis heterophile antibodies in whole blood, serum or plasma as an aid in the diagnosis of Infectious Mononucleosis.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	Control parameters			
The product does not contain any relevant quantities	The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.			
8.2 Exposure controls				
8.2.1 Appropriate engineering controls				
Handle in accordance with good industrial hygiene and	nd safety practice. Wash hands before breaks and at the end of workday.			
8.2.2 Personal protective equipment				
General protective and hygienic measures:	Adhere to good laboratory practices (GLP)			
	Wash hands before breaks and at the end of work.			
Respiratory protection	Not required			
Protective gloves	Disposable gloves			
Material of gloves	Latex/natural rubber			
Penetration time of glove material	Gloves resistance is not critical when the product is handled according to the			
	instruction for use.			
Eye Protection	Safety glasses			

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Body protection Lab coat		
8.2.3 Enviromental exposure controls		
There are no special precautions and measures. See section 6 and 7!		

#### PHYSICAL AND CHEMICAL PROPERTIES 9 9.1 Information on basic physical and chemical properties Physical State: Solid White appearance and some content of the test strip is purple Colour: Odour: tasteness Odour threshold: Not established Not established Flash point: Product is not known to be self-igniting Self-igniting: Danger of explosion: There is no substances in the kit could lead to the danger of explosion Melting point: Not established Boiling point: Not established Vapour pressure: Not established Density (20°C): Not established *pH-value at 20°C:* Not established The product almost could not solute in the water Solubility in water:

9.2

No

Other safety information:

#### **10 STABILITY AND REACTIVITY**

10.1	Reactivity
The prod	uct is stable in accordance with the recommended storage conditions.
10.2	Chemical stability
All the ch	hemicals in the test kits are stable.
10.3	Possibility of hazardous reactions
Almost in	mpossible
10.4	Conditions to avoid
High hun	nidity and the temperature out of 2-30°C
10.5	Incompatible materials
No	
10.6	Hazardous decomposition products
No	

#### 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Mixture)					
Acute toxicity:	Quantitative date on the toxic effects of this product is not available.				
Irritation:	Irritating to skin and severely irritating or corrosive to eyes and, with greater exposures, can cause eye damage, including permanent impairment of vision or blindness.				
Corrosivity:	Corrosive to eyes; with greater exposures may cause eye injury. Harmful if swallowed.				
Sensitisation:	Contains a small volume of a very dilute, sensitizing preservative (ProClin <sup>™</sup> 300). Though the potential for an allergic response is greatly reduced by the dilution, sensitization threshold is unknown; thus, handle accordingly.				
Repeated dose toxicity:	Not yet investigate				
Carcinogenicity:	Not yet investigate				
Mutagenicity:	Not yet investigate				
Toxicity for reproduction:	No reproductive toxic effect known.				

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#### 12 ECOLOGICAL INFORMATION

12.1	Toxicity
No data	a available
12.2	Persistence and degradability
No data	a available
12.3	Bioaccumulative potential
No data	a available
12.4	Mobility in soil
No data	a available
12.5	Results of PBT and vPvB assessment
PBT/vl	PvB assessment not available as chemical safety assessment not required/not conducted
12.6	Other adverse effects
No data	a available

13 DISPOSAL CONSIDERATIONS						
13.1 Waste treatment methods						
Product:	Chemical residues and remains should be routinely handled as spezial waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.					
European waste catalogue:	18 01 03 wastes whose collection and disposable is subject to spezial requirements in order to prevent infection.					
Packaging:	Disposal must be made in accordance with local waste management regulations. Contaminated packaging must be disposed of in the same manner as the product.					
	Non-Contaminated packaging materials may be recycled. Contact your local service providers for further informations.					

14 TRANSPORT INFORMATION			
14.1 UN proper shipping name			
ADR/RID: Not dangerous goods			
IMDG: Not dangerous goods			
IATA: Not dangerous goods			
14.2 Transport hazard class			
ADR/RID: - IMDG: - IATA: -			
14.3 Packing group			
ADR/RID: - IMDG: - IATA: -			
14.4 Environmental hazards			
ADR/RID / IMDG- <u>Co</u> de / I <u>CAO</u> -TI / IATA-DGR: yes / ves / ves			
Marine Pollutant : yes / no			
14.5 Special precautions for user			
See sections 6-8			
14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
Delivery will only be taken in suitable and regulatory approved packaging			

# 15 REGULATORY INFORMATION

 15.1
 Safety, health and environmental regulations/legislation specific for the substance or mixture

 EU regulations:
 This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.2 Chemical Safety Assessment

The mixture was not subjected to security assessment

#### **16 OTHER INFORMATION**

#### General information

The potential for adverse health effects is unknown for the highly diluted, small volume of ProClin 300 in this kit, but is unlikely if handled appropriately with the requisite Good Laboratory Practices and Universal Precautions. This material and its container mus t be disposed of in a safe way and in accordance with local, regional, national and international regulations [P501]. The information and recommendations presented in this MSDS are based on sources believed to be accurate. It is the user's responsibility to determine the suitability of the information for their particular purposes.

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# 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier					
Trade Name:	MONO buffer				
Catalog Number:	N/A				
1.2 Relevant identified uses	of the substance or mixture and uses advised against				
Dilution the whole blood, Serum an	d plasma specimen only.				
<b>1.3</b> Details of the supplier of	f the safety data sheet				
Manufacturer:	Hangzhou AllTest Biotech Co., Ltd				
Address:	# 550, Yinhai Street, Hangzhou Economic & Technological Development Area, Hangzhou-				
	310018, P.R. China				
Phone number:	Phone number is available during office hours as follows: +86-0571-56267850				
Fax number:	+86-0571-56267856				
E-Mail Contact Person:	Yan.Zhang@alltests.com.cn				
1.4 Emergency Telephone Number					
Contact the regional poison Control Center					

# 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to regulation (EC) No. 1272/2008 appendix VII: Not applicable
Chemical Ingredient Chemical Data / Information
Classification according to regulation 67/548/EEC or regulation 1999/45/EC: Not applicable
2.2 Label elements
Labelling according to regulation (EC) No. 1272/2008
The product does not need to be labelled in accordance with EC directives or respective national laws.
Hazard pictograms and Signal word:
No
Hazardous components for labeling: No
Hazard statements: No
Precautionary statements: No
2.3 Other hazards
No

# 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances							
This product is a mixture							
3.2 Mixtures							
Component	CAS No.	EINECS No.	REACH Registration No.	Classification: Category Codes/ Hazard statement	W/W %		
Mixture of 5-Chloro-2- methyl-4-isothiazolin-3- one and 2-Methyl-2H - isothiazol-3-one (3:1)	55965-84-9	N/A	Not available	Acute Tox. 3: H301- H311-H331 Skin Corr. 1B: H314 Skin Sens. 1: H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	<0,001 %		
Lowest generic cut-off value according to Table 1.1 Annex I: $\geq 0.1$							
Lowest specific concentration limits according to Table 3.1 Annex VI:							
Skin Corr. 1B; H314 C ≥ 0.6 %							
Skin Irrit. 2; H315: 0,06 % ≤ C < 0.6 %							
Eye Irrit. 2; H319: $0,06 \% \le C < 0.6 \%$							
Skin Sens. 1; H317: C	Skin Sens. 1; H317: C ≥ 0.015 %						

4 FIRST-AID MEASURES						
4.1 Description of first aid measures						
After inhalation	Remove person from exposure area to fresh air. If breathing becomes difficult, immediately call for					
emergency medical assistance. Treat symptomatically and supportively. Generally, this aqueous pr						
	not a significant inhalation hazard in the kit volumes and concentrations present.					

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After skin contact	Remove contaminated clothing. Flush skin with copious water and wash affected area with soap and water.	
	If blood-to-blood contact occurs or if more severe symptoms develop, consult a physician.	
After eye contact	Flush eyes with copious water for at least 15 minutes. Ensure adequate flushing by separating the eyelids	
	with fingers while flushing with water. OBTAIN MEDICAL ATTENTION.	
After Ingestion	If ingested, wash out mouth thoroughly with water, provided the person is conscious, and OBTAIN	
	MEDICAL ATTENTION. Call a physician or the local poison control center. Treat symptomatically and	
	supportively. If vomiting occurs, keep head lower than hips to prevent aspiration.	
4.2 Most important symptoms and effects, both acute and delayed		
Not applicable.		
4.3 Indication of any immediate medical attention and special treatment needed		

No data available.

#### 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media			
Suitable extinguishing media:	The common fire extinguish media can be used		
Unsuitable extinguishing media:	Not investigate		
5.2 Special hazards arising from the substance or mixture			
Not find yet			
5.3 Advice for fire-fighters			
dry-chemical fire extinguisher			

#### ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Avoid direct contact with skin, eyes, mucous membranes and clothing by wearing appropriate lab personal protective equipment (PPE) including gloves, lab coat and eye/face protection.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

6

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

6.4 Reference to other sections

Collect material and dispose of waste according to section 13.

#### 7 HANDLING AND STORAGE

7.1 Precautions for safe handling			
General hygiene measures: Do not eat, drink or smoke in the area where specimens and kits are handled. Wash hands after use.			
Contaminated clothing and protective equipment must remove before entering eating areas.			
7.2 Conditions for safe storage, including any incompatibilities			
<b>Information about storage conditions:</b> Note the storage conditions on product packaging.			
<b>Requirements for storage rooms and containers:</b> Store in a cool dry place.			
7.3 Specific end uses			

Dilution the whole blood, Serum and plasma specimen only.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters			
The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.			
8.2 Exposure controls			
8.2.1 Appropriate engineering controls			
Handle in accordance with good industrial hygien	e and safety practice. Wash hands before breaks and at the end of workday.		
8.2.2 Personal protective equipment			
General protective and hygienic measures:	Adhere to good laboratory practices (GLP)		
	Wash hands before breaks and at the end of work.		
Respiratory protection	Not required		
Protective gloves	Disposable gloves		
Material of gloves	Latex/natural rubber		
Penetration time of glove material	Gloves resistance is not critical when the product is handled according to the		
	instruction for use.		
Eye Protection	Safety glasses		
Body protection	Lab coat		

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# 8.2.3 Environmental exposure controls

There are no special precautions and measures. See section 6 and 7!

9 PHYSICAL AND CHEMICAL PROPERTIES					
9.1 Information	9.1 Information on basic physical and chemical properties				
Physical State:	Liquid				
Colour:	Colorless				
Odour:	Odourless				
Odour threshold:	Not established				
Flash point:	Not established				
Self-igniting:	Product is not known to be self-igniting				
Danger of explosion:	There is no substance in the kit could lead to the danger of explosion				
Melting point:	Not established				
Boiling point:	Not established				
Vapour pressure:	Not established				
Density $(20^{\circ}C)$ :	Not established				
pH-value at 20°C:	Not established				
Solubility in water:	The product could solute in water easily				
9.2 Other safety	9.2 Other safety information:				
No					

# 10 STABILITY AND REACTIVITY

10.1	Reactivity			
The pro	The product is stable in accordance with the recommended storage conditions.			
10.2	Chemical stability			
All the	All the chemicals in the test kits are stable.			
10.3	Possibility of hazardous reactions			
Almost	Almost impossible			
10.4	Conditions to avoid			
Temperature out of 2-30°C				
10.5	Incompatible materials			
No				
10.6	Hazardous decomposition products			
No				

# 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Mixture)				
Acute toxicity:	Quantitative date on the toxic effects of this product is not available.			
Irritation:	Irritating to skin and severely irritating or corrosive to eyes and, with greater exposures, can cause eye damage, including permanent impairment of vision or blindness.			
Corrosivity:	Corrosive to eyes; with greater exposures may cause eye injury. Harmful if swallowed.			
Sensitisation:	Contains a small volume of a very dilute, sensitizing preservative (ProClin <sup>™</sup> 300). Though the potential for an allergic response is greatly reduced by the dilution, sensitization threshold is unknown; thus, handle accordingly.			
Repeated dose toxicity:	Not yet investigate			
Carcinogenicity:	Not yet investigate			
Mutagenicity:	Not yet investigate			
Toxicity for reproduction:	No reproductive toxic effect known.			

		12	ECOLOGICAL INFORMATION
12.1	Toxicity		
No data	No data available		
12.2	Persistence and degradability		
No data available			
12.3	<b>Bioaccumulative potential</b>		

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No data	No data available		
12.4	Mobility in soil		
No data	No data available		
12.5	Results of PBT and vPvB assessment		
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted			
12.6	Other adverse effects		
No data available			

#### 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods		
Product:	Chemical residues and remains should be routinely handled as spezial waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.	
European waste catalogue:	18 01 03 wastes whose collection and disposal are subject to spezial requirements in order to prevent infection.	
Packaging:	Disposal must be made in accordance with local waste management regulations. Contaminated packaging must be disposed of in the same manner as the product.	
	Non-Contaminated packaging materials may be recycled. Contact your local service providers for further information.	

#### 14 TRANSPORT INFORMATION

# 14.1 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods 14.2 Transport hazard class ADR/RID: - IMDG: - IATA: 14.3 Packing group ADR/RID: - IMDG: - IATA: 14.4 Environmental hazards ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: yes / no

Marine Pollutant :yes  $/\sqrt{no}$ 14.5Special precautions for user

See sections 6-8

#### 14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Delivery will only be taken in suitable and regulatory approved packaging

#### **15 REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU regulations:	This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.2 Chemical Safety Assessment	
The mixture was not subjected to security assessment	

The mixture was not subjected to security assessment

#### **16 OTHER INFORMATION**

#### General information

The information and recommendations presented in this MSDS are based on sources believed to be accurate. It is the user's responsibility to determine the suitability of the information for their particular purposes.