

SAFETY DATA SHEET

Name: Description: Code:		n (AFP) AccuBind® E	I ISA Test System		
	AccuBind® ELIS				
0000.	1925-300				
Characteristics:		ne Immunoassay, Co	lorimetric		
Relevant identified uses of					
Quantitative determination				microplate enzy	me immun <mark>oassav</mark>
colorimetric.			numuri ocram by a	moroplate enzy	me minanousouy,
For in vitro diagnostic use or	Not for internal	or external use in hui	mans or animals		
Details of the supplier of the			nano or animaio.		
Manufacturer/Importer:	Manufacturer				
Name or commercial name:					
Registered office:		Drive, Lake Forest,	California 92630, USA		
Telephone number:	+1.949.951.2665				
Fax number:	+1.949.951.3539				
Email:	info@monobind.c				
FDA Established					
Registration number:	2020726				
Emergency telephone num			- WA (01).		
+1.949.951.2665 (Hours: 8 a		dav-Fridav)			
	-, -,	,,			
TION 2. HAZARD(S) IDENTIFICATION				
Classification of the subst	ance or mixture				
None					
Label elements					
None					
Other hazards					
None					
		N ON INGREDIENT	S		
Substances and/or Mixture		8 8 8	19 B	67	and the second second
All concentrations of potentia	ally hazardous subs	stances or mixtures a	are below the specific of	concentration limit	ts and M-factors for
hazardous identification. As	preparations, the	product components	are not classified as	hazardous. The f	ollowing substance
exceeds the generic cut-off			on level. At this conc	entration level, th	e substance is not
	or definitions for all	risk and hazards clas	ssifications.		
hazardous. See section 16 for					
hazardous. See section 16 for 1. AFP Calibrators (A-F)					
hazardous. See section 16 fo 1. AFP Calibrators (A-F) N/A					
hazardous. See section 16 fo 1. AFP Calibrators (A-F) N/A 2. AFP Enzyme Reagent					
hazardous. See section 16 fr 1. AFP Calibrators (A-F) N/A 2. AFP Enzyme Reagent N/A		nd	ida		
hazardous. See section 16 fd 1. AFP Calibrators (A-F) N/A 2. AFP Enzyme Reagent N/A 3. Streptavidin Coated Pla	ite	nd	ida		
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 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A 	ite	nd	ida		
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 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B 	ite	nd	ida		
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 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B 		nd	ida		
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A 		nd	ida	Ζ.	
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A Substrate B N/A Substrate B N/A Substrate Concent 		nd		Z.	
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A Wash Solution Concent N/A Stop Solution 	trate	Hazard Code	Hazard Class	Hazard	
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A Wash Solution Concent N/A 		Hazard Code Risk Phrase			Concentration
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A Wash Solution Concent N/A Stop Solution Chemical Name 	trate	Risk Phrase	Category Code	Statement	10 March 17
 hazardous. See section 16 fd AFP Calibrators (A-F) N/A AFP Enzyme Reagent N/A Streptavidin Coated Pla N/A Substrate A N/A Substrate B N/A 	trate				Concentration < 5 %

If inhaled:Transport the affected person into the open air. If there are respiratory complaints, oxygen must be
administered. If irritation persists, seek medical advice.In case of skin contact:Wash contacted area with soap and water. Remove contaminated clothing. If irritation occurs, seek
medical advice.In case of contact with
eyes:Rinse with a stream of water for at least 15 minutes. Thorough rinsing must be ensured by

If ingested: If ingested: Do NOT induce vomiting. If conscious, rinse the mouth and administer a large amount of water to dilute the substance. In the case of unconsciousness, never administer anything orally. If irritation occurs, seek medical advice.

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- 4.2. Most important symptoms and effects, both acute and delayed No data available
- 4.3. Indication of any immediate medical attention and special treatment needed No data available

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- Carbon dioxide, dry powder, foam, water
- 5.2. Special hazards arising from the substance or mixture None
- 5.3. Advice for firefighters

Wear appropriate personal protective equipment and clothing. Wear self-contained breathing apparatus, if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
- Avoid contact with skin and eyes. Wear suitable personal protective clothing.
- 6.2. Environmental precautions
- Avoid penetration into sewerage systems, surface and ground water. Avoid soil pollution.
- 6.3. Methods and material for containment and cleaning up Cover with suitable absorbing material. After removing the substance, rinse the spot of spilling thoroughly with water and soap. Dispose of waste according to all federal, state, and local regulations.
- 6.4. Reference to other sections

See Section 8 for personal protective equipment. See Section 13 for appropriate disposal methods.

SECTION 7.

HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spills. Avoid contact with skin, eyes and clothing. Use suitable protective means to work with the substance. Use in a well-ventilated area. Follow good manufacturing practices when using product. Do not drink, smoke, or eat in work areas.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Kit and unopened components:

Store at temperatures between + 2 and + 8 °C in a dry and dark place until expiration date.

Opened components: 7.2.2.

Opened reagents are stable for sixty (60) days when stored at 2-8 °C.

- 7.2.3. For prepared reagents (see product insert):
 - Diluted wash buffer should be stored at room temperature (2-30 °C) for up to 60 days.

Working substrate solution should be stored at 2-8 °C and is stable for one (1) year.

7.3. Specific end uses

Product procedure should be performed by a skilled individual or trained professional for in vitro diagnostic use only.

EXPOSURE CONTROL/PERSONAL PROTECTION **SECTION 8.**

8.1. Control parameters

No substances with occupational exposure limits.

Exposure controls

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8.2.1.	Eye/face protection:	Safety glasses or goggles with side shields recommended
8.2.2.	Skin protection:	Compatible protective gloves recommended. Wash hands after properly removing and disposing of gloves.
	Other skin protection:	Laboratory coats are recommended.
8.2.3.	Respiratory protection:	No respiratory protection is required. Use product in rooms enabling good ventilation. If local exhaustion is necessary, general (forced) exhaustion is recommended.
824	Thermal hazards	None

SECTIC		ICAL AND CHEMICAL PROPERTIES physical and chemical properties
9.1.1.	Appearance:	priysical and chemical properties
5.1.1.	Physical state (at)	20 °C)
	Liquid:	Calibrators, Enzyme Reagent, Wash Solution Concentrate, Substrate Solutions, Stop Solution
	Solid:	Microtiter strips
	Colour Straw:	Calibrators
	Orange:	Enzyme Reagent
	Clear:	Stop, Substrates, Wash
9.1.2.	Odour:	Odourless
9.1.3.	Odour threshold:	Not applicable
9.1.4.	pH value:	Stop solution: < 3
		Calibrators: 7.4 ± 0.2
		Enzyme: 7.3 ± 0.2
		Streptavidin Wells: 7.5 \pm 0.2
		Wash Solution Concentrate: 8.8 ± 0.2
		Substrate Reagent A: 3.2 ± 0.2
		Substrate Reagent B: 5.0 ± 0.2



- 9.1.5. Melting point/freezing point: Not determined
- 9.1.6. Initial boiling point/ boiling range: Not determined
- 9.1.7. Flash point: Not applicable
- 9.1.8. Evaporation rate: Not determined
- 9.1.9. Flammability (solid, gas): Not flammable
- 9.1.10. Upper/lower flammability or explosive limits:
- 9.1.11. Vapour pressure: Not determined
- 9.1.12. Vapour density: Not determined
- Not determined 9.1.13. Relative density:
- 9.1.14. Solubility: Water soluble
- 9.1.15. Partition coefficient: n-octanol/water: Not determined
- Not applicable 9.1.16. Auto-ignition temperature:
- 9.1.17. Decomposition temperature: Not determined
- Viscosity: Not determined 9.1.18.
- 9.1.19. Explosive properties: None
- Oxidising properties: 9.1.20. Not determined
- 9.2. Other information
 - None

SECTION 10. STABILITY AND REACTIVITY

10.1.Reactivity

- No known reactivity hazards associated with product 10.2.Chemical stability
- Stable under recommended storage conditions
- 10.3.Possibility of hazardous reactions
- No hazardous polymerization 10.4.Conditions to avoid
- Excessive heat and light 10.5.Incompatible materials
- Acids
- 10.6.Hazardous decomposition products Not determined
- **TOXICOLOGICAL INFORMATION:** SECTION 11.
- 11.1.Information on toxicological effects
- 11.1.1. Acute toxicity:
- Not determined Skin corrosion/irritation: Not determined
- 11.1.2. 11.1.3. Serious eye damage/irritation: Not determined
- 11.1.4. Respiratory or skin sensitisation: Not determined
- Germ cell mutagenicity: 11.1.5. Not determined
- 11.1.6. Carcinogenicity:
- confirmed human carcinogen by NTP (National Toxicology Program), IARC (International Agency for Research on Cancer), or OSHA (Occupational Safety & Health Administration) 11.1.7. Reproductive toxicity: Not determined
- STOT-single exposure: 11.1.8.
- Not determined 11.1.9. STOT-repeated exposure:
- Not determined 11.1.10. Aspiration hazard: Not determined
- 11.1.11. Information on likely routes of exposure:
- If ingested: No known health effects
- No known health effects If inhaled:
 - If contact with skin: No known health effects
 - No known health effects If contact with eyes:
- 11.1.12. Symptoms related to the physical, chemical, and toxicological characteristics: None after short or long-term exposure

No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or

Not applicable

SECTION 12. ECOLOGICAL INFORMATION

12.1.Toxicity

- Not determined.
- 12.2.Persistence and degradability
- Not determined
- 12.3.Bioaccumulative potential
- Not determined
- 12.4.Mobility in soil
- Not determined
- 12.5.Results of PBT and vPvB assessment Not determined
- 12.6.Other adverse affects
- Not determined

SECTION 13. DISPOSAL CONSIDERATIONS 13.1.Waste treatment methods

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All waste disposals must be carried out in accordance with federal, state, and local legislation and administrative regulations. A licensed professional waste disposal service should be utilized to dispose of material and packaging.

SECTION 14. TRANSPORT INFORMATION

14.1.UN number

- Not available 14.2.UN proper shipping name
- Not available

14.3.Transport hazard class(es) Not available

- 14.4.Packing group
- Not available

14.5.Environmental hazards

Overland transport (ADR/RID):	None
Water transport (ADN/IMDG):	None
Air transport (ICAO/IATA):	None
14.6.Special precautions for user	

.6.Spec None

14.7.Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

SECTION 15. REGULATORY INFORMATION

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

SARA Reporting Requirements: None

TSCA All components in product preparations are lifted on the US Toxic Substances Control Act inventory of chemicals or are exempt from listing.

This safety data sheet has been prepared to comply with the requirements of Annex II, European Community Regulation No. 1907/2006 REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) and OSHA (Occupational Safety & Health Administration) 1910.1200, Appendix D.

15.2.Chemical safety assessment

None

SECTION 16. OTHER INFORMATION

Revision 3 (2019-Sep-17): Updated to include component pH value details

Revision 2 (2015-MAY-05): updated to comply with requirements of Annex II, European Community Regulation No. 1907/2006 (REACH) and OSHA 1910.1200, Appendix D

Revision 1 (2010-DEC-01): updated to 16 point format

Revision 0 (2005-DEC-22): Initial creation

Hazard Statements		Hazard Class	and Category Codes
H314	Causes severe skin burns and eye damage	Skin Corr.	Skin Corrosion/Irritation
H335	May cause respiratory irritation	STOT SE 3	Specific Target Organ toxicity - Single Exposure
Hazaro	l Codes	Risk Phrases	a second parties preserves and
С	Corrosive	R34	Causes burns
Xi	Irritant	R37	Irritating to respiratory system

The material safety data sheet contains data necessary to ensure safety and health and environmental protection in working with chemical substances. This product is a chemical substance and can be solely used by persons with chemical education at their own risk. Monobind kits are designed for biomedical research. The manufacturer has no responsibility for damage caused by unsuitable use and by disrespecting the enclosed working instructions. The above-stated information cannot be considered as complete and must be understood to be only a methodical instruction.

1 - 0	DOCUMENT HIS	TORY			
PREPARED BY: Mul	_DEPT: Records Administration	VERIFIED BY:	Ashatola	DEPT: QA	
APPROVED BY:	_DEPT: Administration	EFFECTIVE DAT	E: 2019-SEP-17		
REVISION: 3		DCO: 1361			

