

Product Number **M003**
Revision Number **RN2.0**

Revision Date 22 December 2021

1. Product and Company Identification

Product Name	Tissue Transglutaminase Pico-Assay Kit		
	Sample buffer		
	Wash buffer		
	TG2-Standard		
	Reaction Starter Mix		
	Reaction Stop		
	Streptavidin-HRP conjugate		
	Substrate solution		
	Stop solution		
	DTT		
	HA-HMS microtiter plate		
CAS Registry Number	No data available		
Application	Activity determination of tissue Transglutaminase		
Unit Size	1 Kit		
Manufacturer/Supplier	Zedira GmbH Rösslerstr. 83 64293 Darmstadt Germany	Tel. Fax.	+49(0)6151-66628-0 +49(0)6151-66628-19
Emergency Information	Tel. +49(0)6151-66628-0		

2. Composition / Information on Components

IUPAC	No data available
Molecular Formula	No data available
Molecular Weight	No data available

3. Hazards Identification

Emergency Overview To our knowledge, the hazards of this material have not been thoroughly investigated. We are not aware of any toxicity data for this product. We recommend handling all chemicals with caution.

Potential Health Effects

Inhalation	No data available
Ingestion	No data available
Skin	No data available
Eyes	No data available
Chronic Exposures	No data available
Target Organs	No data available

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4. First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, wash affected area with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed wash mouth with water and seek medical advice.

5. Fire Fighting Measures

Use dry chemical powder or appropriate foam extinguisher

6. Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

7. Handling and Storage

Store at 6-8°C, desiccate

Information for safe handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Use with adequate ventilation.

Information about fire - and explosion protection:

The product listed in this MSDS contains sodium azide, a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, concentration build-ups of sodium azide may react with lead and copper plumbing to form highly explosive metal oxides. Flush with large volumes of water to prevent azide build-up in plumbing.

8. Exposure Controls / Personal Protection

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices

ACGIH/OSHA Permissible Exposure Limit Data: No data available

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9. Physical and Chemical Properties

Form	Liquid
Odor	Odourless
Solubility	Fully miscible
Specific Gravity	No data available
Colour	Sample buffer (orange coloured), Wash buffer (blue colored), MTG-standard (colourless), Biotinyl-Cadaverine (colourless), Streptavidin HRP-conjugate (green coloured), Substrate solution (colourless), Stop solution (colourless)
pH	No data available
Boiling Point	No data available
Melting Point	No data available
Flash Point	No data available
Vapor Pressure	No data available

10. Stability and Reactivity

Thermal Decomposition	No data available
Dangerous Reactions	No data available
Dangerous Products of Decomposition	No data available

11. Toxicological Information

RTECS Number	No data available
Toxicity	We are not aware of any toxicity data for this product
Health Hazards	See Potential Hazards below
Potential Hazards	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Carcinogenicity	No data available

12. Ecological Information

No data available

13. Disposal Considerations

Consult local, state or national regulations for proper disposal

14. Transport Information

Hazard Class	No data available
Identification Number	No data available
Packing Group	No data available
Proper Shipping Name (Technical Name)	No data available

Material Safety Data Sheet



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15. Regulations

US Toxic Substances Control Act (TSCA)	No data available
US Other	No data available
EEC EINECS Number	No data available
EEC Risk Statements	No data available
Other Country Regulations	No data available

16. Other Information

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Zedira GmbH shall not be held liable for any damage resulting from handling or contact with the above product.