

MATERIAL SAFETY DATA SHEET
According to 1907/2006/EG

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name: TECHNOZYM® vWF:CBA ELISA Collagen Type I (96 T.) REF 5450311
TECHNOZYM® vWF:CBA ELISA Collagen Type VI (96 T.) REF 5450321
- 1.2. Recommended use: For research use only
- 1.3. Manufacturer: Technoclone GmbH
Brunner Str. 59/5
1230 Vienna
AUSTRIA
Tel. + 43 1 86373 - 0
Fax + 43 1 86373 - 44
- 1.4 Emergency Email: sales@technoclone.com
- 1.5 Emergency Phone: +43 1 86373 -10 (08:00 – 16:00 h)

2. HAZARDS IDENTIFICATION

- 2.1 Emergency overview: Liquid solution. Presents little hazard if spilled or in fire.
- 2.2 Health Hazard: Powder regarded as having very low health hazard.

3. COMPOSITION, INFORMATION ON INGREDIENTS

- 3.1 Article contains: 1x ELISA plate with human collagen type I (REF 5450311)
1x ELISA plate with human collagen type VI (REF 5450321)
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| 1x of each low and high control Iyo. | human plasma |
| 1x of each standard Iyo. | human plasma |
| 1x wash buffer 10x concentrated (100mL) | PBS, 0.5% Tween 20, 0.01% Merthiolate |
| 1x incubation buffer (100mL) | PBS, 1% BSA, 0.01% Merthiolate |
| 1x conjugated antibody POX | HRP-conjugated antibody |
| 1x substrate (12 mL) | TMB substrate (manufactured by Kemtec Denmark) |
| 1x Stop solution (15 mL) | H ₂ SO ₄ , 0.5 M |

Stop solution:

See separate safety data sheet 102

The following pages refer to the above kit contents except for the stop solution.

Hazard classification: None
CAS No. None

4. FIRST-AID MEASURES

- 4.1 General: Miscible with water.
- 4.2 Eyes: Flush eyes with water. If persistent irritation occurs, seek medical advice.
- 4.3 Skin contact: Wash with water.
- 4.4 Ingestion: Wash mouth thoroughly with water and drink water. If substance has been swallowed, drink large quantities of water.
- 4.5 Inhalation: Not applicable.

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5. FIRE-FIGHTING MEASURES

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| 5.1 | Extinguishing media: | Use extinguishing media appropriate for surrounding fire. |
| 5.2 | Flammable properties: | Not flammable. This product does not present any fire or explosion hazard. |

6. ACCIDENTAL RELEASE MEASURES

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| 6.1 | Personal precautions: | Wear gloves, other protection is not necessary. Immediately clean up any spillage of specimens with a 1:10 dilution of 5% sodium hypochlorite or with a similar solution. |
| 6.2 | Cleanup procedures: | |

7. HANDLING AND STORAGE

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| 7.1 | Handling precautions: | No special precautions |
| 7.2 | Storage: | Store at +2 – 8°C |

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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| 8.1 | General protective and hygienic measures: | The usual precautionary measures are to be adhered to when handling chemicals. |
| 8.2 | Eye protection: | Eye protection is recommended. |
| 8.3 | Protection of hands: | The glove material has to be impermeable and resistant to the product/the substance/the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture |
| | Material of gloves: | The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application |
| | Penetration time of glove material: | The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| 8.4 | Protective clothing: | Protective clothing is not necessary. |
| 8.5 | Ventilation: | No particular ventilation requirements. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| 9.1 | Appearance: | Liquid, Powder |
| 9.2 | Color: | Colorless |
| 9.3 | Solubility: | Miscible with water. |
| 9.4 | Specific gravity: | Not applicable |
| 9.5 | pH-value: | 6-8 |

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10. STABILITY AND REACTIVITY

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|------|-----------------------------------|---------------------------------|
| 10.1 | Hazardous reactions: | None known if handled correctly |
| 10.2 | Hazardous decomposition products: | None |

11. TOXICOLOGICAL INFORMATION

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|------|------------------------------------|---|
| 11.1 | Acute toxicity: | Not known |
| 11.2 | Skin effects: | Not known |
| 11.3 | Eye effects: | Not known |
| 11.4 | Further toxicological information: | No cases of intoxication known so far.

Human Plasma used for production of controls and standards is derived exclusively from donors who have been tested negative for antibodies against HIV, HCV and HBs antigen using approved test procedures. Nevertheless human plasma should be considered as potentially infectious and handled with care. |

12. ECOLOGICAL INFORMATION

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| 12.1 | Summary: | This product is readily miscible with water and rated not toxic. Not known potential for bioaccumulation. |
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13. DISPOSAL CONSIDERATION

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| 13.1 | General information: | Disposal should be made in accordance with existing disposal practices employed for biological material |
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14. TRANSPORT INFORMATION

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| 14.1 | General information: | Not subject to transport regulations
Fragile containers, handle with care |
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15. REGULATORY INFORMATION

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| 15.1 | Safety rules: | This product is not in accordance with danger material regulation and the appropriate European Union guidelines marking requiring. |
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16. OTHER INFORMATION

This Safety Data Sheet complies with the European Community Directive 1907/2006/EG.

All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. Technoclone GmbH shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.