

MATERIAL SAFETY DATA SHEET
According to 91/155 EEC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Produktname: t-PA Combi Actibind® ELISA Kit (96 T.) REF TC16000
- 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 Phone: +43 1 86373 -10

2. COMPOSITION, INFORMATION ON INGREDIENTS

- 2.1 Article contains:
- | | |
|---|--|
| <p>1x ELISA plate
 1x of each low and high control lyoph. (for 0.5 mL)
 1x standard lyoph. (for 0.5 mL)
 2x wash buffer 12.5 x concentrated (20mL each)
 1x sample dilution buffer 2.5 x concentrated (20mL)
 1x conjugated antibody POX (for 12 mL)
 1x POX dilution buffer (12mL)
 1x substrate (12 mL)</p> <p>1x Stop solution (12 mL)
 1x Detection Mixture, lyoph.
 CNBr fragments of fibrinogen</p> <p>Stop solution:
 See separate safety date sheet 102</p> | <p>coated with monoclonal antibody
 human plasma
 tPA, purified protein
 PBS, 0.5% Tween 20
 PBS, 1% BSA, 5mM EDTA
 HRP-conjugated antibody
 PBS, 1% BSA
 TMB substrate (manufactured by
 Kementec Denmark)
 H₂SO₄, 0.5 M
 synthetic Peptide, Glu-Plasminogen,</p> |
|---|--|

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

Hazard classification: None

3. HAZARDS IDENTIFICATION

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

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.

MATERIAL SAFETY DATA SHEET
According to 91/155 EEC

5. FIRE-FIGHTING MEASURES

- | | | |
|-----|-----------------------|--|
| 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

- | | | |
|-----|-----------------------|---|
| 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

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

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- | | | |
|-----|---|---|
| 8.1 | Ventilation: | No particular ventilation requirements. |
| 8.2 | 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. |
| 8.3 | Eye protection: | Eye protection is recommended. |
| 8.4 | Protective clothing: | Protective clothing is not necessary. |
| 8.5 | General protective and hygienic measures: | The usual precautionary measures are to be adhered to when handling biological material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | |
|-----|-------------------|----------------------|
| 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 |

MATERIAL SAFETY DATA SHEET
According to 91/155 EEC

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

- | | | |
|------|------------------------------------|---|
| 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

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

13. DISPOSAL CONSIDERATIONS

- | | | |
|------|----------------------|---|
| 13.1 | General information: | Disposal should be made in accordance with existing local disposal practices for biological material. |
|------|----------------------|---|
-

14. TRANSPORT INFORMATION

- | | | |
|------|----------------------|--|
| 14.1 | General information: | Not subject to transport regulations
Fragile containers, handle with care |
|------|----------------------|--|
-

15. REGULATORY INFORMATION

- | | | |
|------|---------------|--|
| 15.1 | Safety rules: | Not regulated under the European Community Directive 93/21/EEC |
|------|---------------|--|
-

16. OTHER INFORMATION

This Safety Data Sheet complies with the European Community Directive 93/112/EC amended 91/155/EC.

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.