

MATERIAL SAFETY DATA SHEET
According to 91/155 EEC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name / Code: t-PA/PAI-1 Complex ELISA Kit (96 T.) REF TC12080
u-PA ELISA Kit (96 T.) REF TC12010
- 1.2 Recommended use: In-vitro diagnostic
- 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 Articles contain:

REF TC12080:

1x ELISA plate	coated with monoclonal antibody
1x standard (lyoph. for 0.5 mL)	purified recombinant proteins
2x wash buffer 12.5 x concentrated (20 mL each)	PBS, 0.5% Tween 20
1x sample dilution buffer 2.5 x concentrated (20 mL)	PBS, 1% BSA, 5mM EDTA
1x conjugated antibody POX (for 12 mL)	HRP-conjugated antibody
1x POX dilution buffer (12 mL)	PBS, 1% BSA
1x substrate (12 mL)	tetramethylbenzidine < 0.02%
1x Stop solution (15 mL)	H ₂ SO ₄ , 0,5 M

REF TC12010:

1x ELISA plate	coated with monoclonal antibody
1x standard (lyoph. for 0.5 mL)	purified recombinant protein
1x wash buffer 10 x concentrated (100 mL)	PBS, 0.5% Tween 20, 0,01% merthiolate
1x incubation buffer	PBS, 1% BSA, 0,01% merthiolate, patentblue V
1x conjugated antibody (POX)	HRP-conjugated antibody
1x substrate (12 mL)	tetramethylbenzidine < 0.02%
1x Stop solution (15 mL)	H ₂ SO ₄ , 0,5 M

Stop solution for REF TC12080 and REF TC12010:
See separate safety data sheet 102

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

3. HAZARDS IDENTIFICATION

- 3.1 Emergency overview: Liquid solutions and lyophilized powders present little hazard if spilled or in fire.
- 3.2 Health Hazard: All components regarded as having very low health hazard.

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4. FIRST-AID MEASURES

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| 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. |

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. |
| 6.2 | Cleanup procedures: | Immediately clean up any spillage of specimens with a 1:10 dilution of 5% sodium hypochlorite or with a similar solution. |

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 | 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. |

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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

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.

12. ECOLOGICAL INFORMATION

12.1	Summary:	The contents are readily miscible with water and rated not toxic. Not known potential for bioaccumulation.
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13. DISPOSAL CONSIDERATIONS

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

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

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