

## Safety Data Sheet



**IBL International GmbH**  
Flughafenstraße 52 a  
22335 Hamburg, Germany

Tel. +49 (0) 40 53 28 91-0  
Fax +49 (0) 40 53 28 91-11

IBL@tecan.com  
www.tecan.com/ibl

RE52041	17beta-Estradiol ELISA
RE52111	LH Urine ELISA
RE52121	FSH ELISA
RE52131	Prolactin ELISA
RE52141	HCG+beta ELISA
RE52201	Estrone ELISA
RE52211	Corticosterone ELISA
RE52231	Progesterone ELISA
RE52301	Aldosterone ELISA
RE52351	PAPP-A ELISA (ultra sensitive)
RE52361	PLGF ELISA
RE52681	Estrone Saliva ELISA
RE53011	C-Peptide ELISA
RE53031	Proinsulin ELISA
RE53151	Leptin ELISA
RE53181	Free beta-hCG ELISA
RE53321	Renin (active) ELISA
RE54101	CYFRA 21-1 ELISA
RE54111	CA 72-4 ELISA
RE54131	CA 125 ELISA
RE54151	CA 19-9 ELISA

### Single components with dangerous ingredients:

**STOP / TMB STOP**      **Stop Solution / TMB Stop Solution**

Not listed single components contains no hazardous substances in concentrations to be declared, a labelling is not required.



**IBL International GmbH**  
Flughafenstrasse 52a  
22335 Hamburg, Germany

**Always there for you**



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.03.2021

Version number 3

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **Product identifier**
- **Trade name:** STOP / TMB STOP
- **Article number:** Valid for products listed in the table on the first page.
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation:**  
laboratory reagent / Immunoassay  
The product is intended for professional use.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
IBL International GmbH  
Flughafenstr. 52 a  
22335 Hamburg  
Germany
- Tel.: ++49-40-53 28 91-0  
Fax.: ++49-40-53 28 91-11  
E-Mail: IBL@tecan.com  
http: //www.tecan.com/ibl
- **Further information obtainable from:** Safety Representative
- **Emergency telephone number:** ++49-40-53 28 91 - 0


**SECTION 2: Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the CLP regulation.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.  
Safety data sheet available on request.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

- **Chemical characterisation:** Mixtures
- **Description:** Stop Solution contains sulphuric acid.

· **Dangerous components:**

CAS: 7664-93-9	sulphuric acid	 Skin Corr. 1A, H314	<5%
EINECS: 231-639-5			

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

- **Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.

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- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material.
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **Handling**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
None.  
The kit is shipped at ambient temperature and should be stored at 2-8°C. Keep away from heat or direct sun light. The storage and stability of prepared reagents is stated in the corresponding chapters of the instruction for use.
- **Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands before breaks and at the end of work.

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- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves.
- **Material of gloves**  
The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** lab coat

### SECTION 9: Physical and chemical properties

- |  |   |
|--|---|
| · <b>Information on basic physical and chemical properties</b> |   |
| · <b>General Information</b>                                   |   |
| · <b>Appearance:</b>   |   |
| Form:  | liquid or lyophilized                         |
| Colour:  | Different according to colouring              |
| Odour:   | uncharacteristic                              |
| Odour threshold:   | Not determined.                               |
| pH-value:  | Strongly acidic                               |
| · <b>Change in condition</b>                                   |   |
| Melting point/freezing point:                                  | undetermined                                  |
| Initial boiling point and boiling range:                       | undetermined                                  |
| Flash point:   | Not applicable                                |
| Flammability (solid, gaseous)                                  | Not applicable.                               |
| Decomposition temperature:                                     | Not determined.                               |
| Auto-ignition temperature:                                     | Product is not selfigniting.                  |
| Explosive properties:  | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                                     |   |
| Lower:   | Not determined.                               |
| Upper:   | Not determined.                               |
| Vapour pressure:   | Not determined.                               |
| Density:   | Not determined                                |
| Relative density   | Not determined.                               |
| Vapour density   | Not determined.                               |
| Evaporation rate   | Not determined.                               |
| · <b>Solubility in / Miscibility with</b>                      |   |
| Water:   | Fully miscible                                |
| Partition coefficient: n-octanol/water:                        | Not determined.                               |
| · <b>Viscosity:</b>  |   |
| dynamic:   | Not determined.                               |
| kinematic:   | Not determined.                               |

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· **Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation** Dispose of waste according to applicable local, state, and federal regulations.

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- **Uncleaned packaging:**
- **Recommendation:** Dispose of packaging according to applicable local, state, and federal regulations.

### SECTION 14: Transport information

· <b>UN-Number</b>	Void
· <b>ADR, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	Void
· <b>ADR, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>Class</b>	Void
· <b>Packing group</b>	Void
· <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications. This product is part of a kit. Information in this section refers to the kit as a whole.
· <b>ADR</b>	
· <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>IMDG</b>	
· <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>IATA</b>	
· <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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- **National regulations**
- **Additional classification according to Decree on Hazardous Materials, Annex II:**  
Carcinogenic hazardous material group III (dangerous)
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H314 Causes severe skin burns and eye damage.

· **Department issuing SDS:**

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Corr. 1A: Skin corrosion/irritation – Category 1A