MATERIAL SAFETY DATA SHEET

Triiodothyronine (T3) ELISA kit

SECTION 1. IDENTIFICATION

Product name	**Triiodothyronine (T3) ELISA kit**
Catalogue number	**ZX 55115 96**
Manufacturer or supplier's details	ZellBio GmbH . Krantorweg 48c . 13503 Berlin
Telephone	0049-30 81309085
Fax	0049-30 81309086
Email	support@zellx.de

SECTION 2. HAZARDS IDENTIFICATION

Regulation (EC) No. 1272/2008 [CLP/GHS]	
Hydrochloric Acid	Skin Irritant, Class 2 Eye Irritant, Class 2
Hazard statements	Causes skin irritation. Causes serious eye irritation.
Precautionary statements	Wash hands thoroughly after handling. Wear protective gloves, clothing, and eye/face protection.

SECTION 3. FIRST AID MEASURES

General advice	Show this material safety data sheet to the doctor in attendance.
If inhaled	If inhaled, remove to fresh air. Seek medical attention if any respiratory symptoms develop.

In case of skin contact	Rinse with copious amounts of water and wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes. If irritation or discomfort develops seek medical attention.
In case of eye contact	Rinse eyes with running water, checking for and removing contact lenses.Continue for at least 15 minutes. Assure adequate flushing by separatingthe eyelids with fingers. Seek medical attention.
If swallowed	If swallowed, wash out mouth with water if person is conscious. Seek medical attention.

SECTION 4. INFORMATION ON INGREDIENTS

Components:
Triiodothyronine Standard
Triiodothyronine Antibody
Triiodothyronine Conjugate
Assay Buffer Concentrate
Wash Buffer Concentrate
TMB Substrate
Stop Solution

Description:	Chemical Name	CAS No	Percent
Stop Solution, contains:	Hydrochloric Acid	7647-01-0	3.65%

Additional components of the kit are non-hazardous or the specific chemical identity and/or exact percentage (concentration) of composition have been withheld as a trade secret.

ZX-55115-96

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	Suitable: Water spray. Carbon Dioxide, dry chemical powder, or appropriate foam.
Firefighting	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fires conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Methods and materials for containment and cleaning up	Keep in suitable, closed containers for disposal.
Environmental precautions	Discharge into drains should be avoided.

SECTION 7. HANDLING AND STORAGE

Handling	Avoid getting components of this kit on you or in you. Do not breathe vapor. Always wear appropriate protective clothing. Always wash hands and other exposed areas thoroughly after using this kit. Do not eat or drink while using this kit. Qualified and experienced professionals should only handle this kit.
Storage	Store according to the package insert instructions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	No special engineering controls are required when working with this kit. Use with adequate ventilation.
Protective Equipment	Safety glasses are recommended to prevent eye contact. Chemical resistant gloves, lab coat should be worn to prevent skin contact.

SECTION 9. STABILITY AND REACTIVITY

Stability	This material is stable until the expiration date on the kit if stored as directed.
Materials to Avoid	Hydrogen chloride gas.
Incompatibilities	Materials such as cyanides, sulfides, sulfites, and formaldehyde.

SECTION 10. TOXICOLOGICAL INFORMATION

Route of Exposure	**Skin Contact:** May cause skin irritation. **Skin Absorption:** May be harmful if absorbed through the skin. **Eye Contact:** May cause eye irritation. **Inhalation:** May be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. **Ingestion:** Harmful if swallowed.
Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 11. ECOLOGICAL INFORMATION

No data available.

SECTION 12. DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of Substance	Dispose of waste materials, unused components and contaminated packaging in compliance with country, state, district and local regulations. If unsure of the applicable requirements, contact the authorities for information.

SECTION 13. TRANSPORT INFORMATION

U.S. and Canadian Transportation; DOT	**Proper Shipping Name:** Chemical Kits **UN Identification Number:** 1789 **Class and Description:** 8, Miscellaneous **Packing Group:** N/A **Hazard Label:** Class 8
International Air Transportation (IATA)	**Proper Shipping Name:** Chemical Kits **UN Identification Number:** 1789 **Class and Description:** 8, Miscellaneous **Packing Group:** III Hazard **Label Class:** 8

SECTION 14. REGULATORY INFORMATION

Product related information	The product is not subject to classification according to the sources of literature known to us. Observe general safety regulations when handling chemicals.
Safety Statements	Avoid release to the environment.
Risk Statements	Harmful if swallowed.
U.S. Regulatory Information	Sara Listed: No

SECTION 15. OTHER INFORMATION

Department	R&D - ZELLX project - ZellBio GmbH
Last Revision	09.01.2022
Disclaimer:	For Research Use Only. Not for diagnostic, therapeutic, or other uses.
Other Information	The information contained in this document is accurate to the best of our knowledge and is provided in good faith. This document is intended only as a guide to the appropriate precautionary handling of the materials contained in this kit by properly trained personnel using this kit. Final determination or suitability of any materials is the sole responsibility of the user. ZELLX® shall not be held liable for any damage resulting from use or handling of this product.

ZELLX®
Krantorweg 48c
13503 Berlin
Tel.: +49(0)30 81309085
Fax: +49(0)30 81309086
E-Mail: support@zellx.de
Web: www.zellx.de

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