

Cell free DNA (cfDNA) Isolation Kit

SECTION 1. IDENTIFICATION

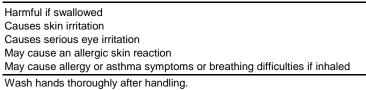
Product name
Catalogue number
Manufacturer or supplier's details
Telephone
Fax
Email

Cell free DNA (cfDNA) Isolation Kit ZX 22105 50/100 ZellBio GmbH . Krantorweg 48c . 13503 Berlin 0049-30 81309085 0049-30 81309086 support@zellx.de

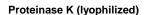
SECTION 2. HAZARDS IDENTIFICATION

Acute toxicity, Category 4 Skin irritation, Category 2 Serious eye damage, Category 1

Acute Oral Toxicity, Category 2 Acute Dermal Toxicity, Category 1 Specific Organ Toxicity, Category 2 Skin Sensitization, Category 1



Wear protective gloves, clothing, and eye/face protection.



Hazard statements

Precautionary statements

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. Seek medical attention.
If swallowed	If swallowed, wash out mouth with water if person is conscious. Seek medical attention.

SECTION 4. INFORMATION ON INGREDIENTS

Component	Ingredient	Percent	CAS No.
Proteinase K	lyophilized	70-90%	39450-01-6

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-22105-50/100

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point	N/A
Explosion Hazards	N/A
Auto-ignition Temp	N/A
Flammability	N/A
Extinguishing Media	Suitable: Carbon Dioxide, dry chemical powder, or appropriate foam.
	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with
	skin and eyes.
Firefighting	Specific Hazard(s): Emits toxic fumes under fires conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Methods and materials for containment and cleaning up Environmental precautions	Use personal protective equipment. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Keep in suitable, closed containers for disposal. Discharge into drains should be avoided.	
SECTIO	N 7. HANDLING AND STORAGE	
Handling	Avoid getting components of this kit on you or in you. 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. EXPOS	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 Materials to Avoid Incompatibilities	This material is stable until the expiration date on the kit if stored as directed. N/A N/A	

SECTION 10. TOXICOLOGICAL INFORMATION

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.		
SEC	CTION 11. ECOLOGICAL INFORMATION		
Harmful to aquatic organisms. May cause long-term adverse effects in aquatic environment.			
SEC	TION 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.		
SE	CTION 13. TRANSPORT INFORMATION		
U.S. and Canadian Transportation; DOT International Air Transportation (IATA)	Proper Shipping Name: Chemical Kits UN Identification Number: Not regulated as a dangerous good Class and Description: Not regulated as a dangerous good Packing Group: Not regulated as a dangerous good Label Class: Not regulated as a dangerous good Proper Shipping Name: Chemical Kits UN Identification Number: Not regulated as a dangerous good Class and Description: Not regulated as a dangerous good Packing Group: Not regulated as a dangerous good Label Class: Not regulated as a dangerous good		
SEC	TION 14. REGULATORY INFORMATION		
Product related information Safety Statements Risk Statements U.S. Regulatory Information	The product is not subject to classification according to the sources of literature known to us. Observe general safety regulations when handling chemicals. Avoid release to the environment. Harmful if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment. N/A		
SECTION 15. OTHER INFORMATION			
Department Last Revision Disclaimer:	R&D - ZELLX project - ZellBio GmbH 20.07.2021 For Research Use Only. Not for diagnostic, therapeutic, or other uses.		

Other Information

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

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