

ExCell Bio

ResiQuant[®] Ready-to-use Quantitative *E. coli* DNA Kit (Taqman) Material Safety Data Sheet



| SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information

Product Name	Cat. #
ResiQuant® Ready-to-use Quantitative <i>E. coli</i> DNA Kit (Taqman)	CRH00-1101S, CRH00-1101, CRH00-1102

Company Identification

Company: Suzhou ExCell Biotechnology Co., Ltd.

Address: 66 Anjiang Road, Fuqiao Town, Taicang City, Suzhou City, Jiangsu Province, China.

Postal code: 215433.

E-mail: marketing@excellbio.com.

Telephone: (+86) 0512-53830011.

Fax: (+86) 0512-53830022.

| SECTION 2: HAZARDS IDENTIFICATION

Hazard Category According to GHS

Non-hazardous substance, non-mixture.

Label Elements According to GHS

Non-hazardous substance, non-mixture.

Physical And Chemical Hazards

Based on the current information available, there is no physical or chemical hazard.

Health Effects

Based on the current information available, there are no health hazards.

Environmental Hazards

Based on the current information available, there are no environmental hazards.

Other Hazards

No data available.

| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain substances that pose a health hazard at the given concentration. We recommend handling all chemicals with caution.

| SECTION 4: FIRST AID MEASURES

Description of The Necessary First-Aid Measures

Potential Hazards to Human Health	First Aid
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary
Skin Contact	Rinse skin with water. Immediate medical attention is not required
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice

The Most Important Acute or Late-Onset Symptoms And Health Effects

No data available.

Instructions for Prompt Medical Treatment and Special Treatment Required

No data available.

Special Tips to The Doctor

No data available.

| SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

1. Extinguishing methods: Suitable agents include water, foam, carbon dioxide (CO₂), or dry powder.
2. Unsuitable extinguishing agents: For this substance/mixture, no restrictions on extinguishing agents are specified.

Particular Hazard Arising From This Substance or Mixture

The properties of the product after decomposition are unknown.

Fire Fighting Precautions And Protective Measures

1. In case of fire, wear a self-contained breathing apparatus.
2. Prevent firefighting water from contaminating surface and groundwater systems.

| SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

1. Ensure adequate ventilation.
2. Always wear the recommended personal protective equipment.
3. Use personal protective equipment.
4. For personal protection, refer to Section 8.

Environmental Precautions

Do not allow the product to enter the sewage system.

Methods and Material for Containment And Cleaning Up

Adsorb with inert adsorbent material

Reference to Other Sections

Please refer to Section 8 for disposal instructions.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Use personal protective equipment as required. No special handling advices are necessary.

Storage

1. Storage conditions: Recommended to be stored in a freezer.
2. Storage stability: Recommended storage temperature is -40°C to -18°C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

This product does not contain substances with occupational exposure limits.

Engineering Control

Ensure sufficient ventilation, especially in enclosed areas.

Exposure Control

1. Personal Protective Equipment.

To Protect	Protective Equipment
Eye Protection	Tight sealing safety goggles
Skin and Body Protection	Wear appropriate protective clothing
Respiratory Protection	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards
Hand Protection	Wear suitable gloves. Glove material: Compatible chemical-resistant gloves
Hygiene Protection	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	No special environmental precautions required. Avoid discharge into drains and waterways whenever possible

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical And Chemical Properties

Item	Result
Physical State	Liquid
Odor	No data
Odor Threshold	No data
pH	No data
Melting Point/Freezing Point	No data
Initial Boiling Point and Boiling Range	No data

Flash Point	No data
Evaporation Rate	No data
Flammability (Solid, Gas)	No data
Upper/Lower Flammability or Explosive Limits	No data
Vapor Pressure	No data
Vapor Density	No data
Density/Relative Density	No data
Water Solubility	No data
n-Octanol/Water Partition Coefficient	No data
Autoignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data
Explosive Characteristics	No data
Oxidizing Property	No data

Other Security Information

No data available.

| SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

No data available.

Incompatible Materials

No dangerous reaction known under conditions of normal use.

Hazardous Decomposition Products

None.

| SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Item	Result
Acute toxicity	Data are conclusive but insufficient for classification
Skin corrosion/irritation	Data are conclusive but insufficient for classification
Serious eye damage/eye irritation	Data are conclusive but insufficient for classification
Respiratory or skin sensitization	Data are conclusive but insufficient for classification
Mutagenicity to germ cells	Data are conclusive but insufficient for classification
Carcinogenicity	Data are conclusive but insufficient for classification
Reproductive toxicity	Data are conclusive but insufficient for classification
Specific target organ system toxicity (single exposure)	Data are conclusive but insufficient for classification
Specific target organ system toxicity (repeated exposure)	Data are conclusive but insufficient for classification
Inhalation hazard	Data are conclusive but insufficient for classification

Additional Instructions

1. Registration of toxic effects of chemical substances: No data available.
2. The hazardous nature cannot be ruled out, but should not occur under proper handling.

SECTION 12: ECOLOGICAL INFORMATION

Ecological Toxicity

No information available.

Persistence And Degradability

No information available.

Bioaccumulative Potential

No information available.

Mobility In Soil

No information available.

Results of PBT And vPvB Assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other Adverse Effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all

applicable local, regional or national/federal regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number		
ADR/RID: -	IMDG: -	IATA: -
UN Proper Shipping Name		
ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
Transport Hazard Class (Es)		
ADR/RID: -	IMDG: -	IATA: -
Packaging Group		
ADR/RID: -	IMDG: -	IATA: -
Environmental Hazards		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
Special Precautions For User		
No data available		
Incompatible Materials		
No data available		
No data available		
Further Information		
This product is not classified as hazardous according to transportation regulations.		

SECTION 15: REGULATORY INFORMATION

International Catalogue

No information available.

China

No information available.

SECTION 16: OTHER INFORMATION

The above information is obtained after rigorous investigation, and suggestions are made after careful judgment. This information should be used as a guide but not be considered to summarize everything. All materials and mixtures may have unknown hazards and should be noted when used. Since the Company cannot control the actual method, quantity or condition of use, the Company shall not be liable for any injury or damage caused by handling or contacting the products described in this document. The information contained in this safety data sheet does not constitute an express or implied warranty, including any implied warranty of merchantability or fitness for any particular purpose.

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