

Safety Data Sheet

Version: A/0

Effective date: 14 May 2024

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

Product name: *E.coli* (K-12 & Alkaline Lysis) HCP ELISA Kit

Product code: 1301302

Usage: This kit is suitable for the quantitation of host cell proteins (HCPs) of *E.coli* K-12 strain (e.g., DH5 α , Top10, JM109) in Plasmid DNA (pDNA) intermediates or bulk prepared chemically by alkaline lysis.

Reagent: *E.coli* HCP-AC Calibration standards, Anti-*E.coli* HCP-AC Microtiter Strips, Reconstitution Solution, Wash Buffer Concentrate (10 $\times$), Anti-*E.coli* HCP-AC:Biotinylated Conjugate (20 $\times$), Streptavidin-HRP (100 $\times$), TMB Substrate, Stop Solution, Sealing Film

Company: Biofargo, Inc.

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For research use only. Not for use in diagnostic procedures.

SECTION 2: Hazards identification

GHS Classification

Not Hazardous

GHS Label elements

Hazard pictograms:	Not Applicable
Signal word:	Not Applicable
Hazard Statements:	Not Applicable
Precautionary Statements:	Not Applicable

Physical and chemical hazards :	Not Applicable
Health hazards:	Not Applicable
Environmental hazards:	Not Applicable
Other hazards:	Not Applicable

SECTION 3: Composition/information on ingredients

This product does not contain substances that are hazardous to health at a given concentration. We recommend handling all chemicals carefully please.

SECTION 4: First aid measures

Skin contact: Rinse carefully with water for several minutes. No immediate medical requirements.

Eye contact: Rinse carefully with water for several minutes. Remove contact lenses, Continue rinsing.

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical.

Inhalation: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Notes to Physician: Treat symptomatically.

Most important symptoms and effects

Not Applicable

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Advice for firefighters: Standard procedure for chemical fires.

Special hazards arising from the substance or mixture: Not known

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment.

Methods and materials for containment and cleaning up

Take up carefully with liquid-absorbent materials. Dispose of properly.

Environmental precautions

No special environmental precautions required.

SECTION 7: Handling and storage

Handling: Use personal protective equipment as required.

Storage: Keep in a dry, cool and well-ventilated place. Keep in properly

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits: Does not contain substances with occupational exposure limit values.

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection: Wear respirators under poor ventilation

Hand protection: Wear protective gloves

Eye protection: Safety glasses

Skin and body protection: Wear protective clothing

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Odour: No information available

Melting point: No information available

Boiling point: No information available

Flash point:	No information available
Auto-ignition temperature:	No information available
Decomposition temperature:	No information available
Evaporation rate:	No information available
Flammability (solid, gas):	No information available
Upper explosion limit:	No information available
Lower explosion limit:	No information available
Vapor pressure:	No information available
Relative density:	No information available
Explosive properties:	No information available
Proportion:	No information available
Water solubility:	No information available
Other data:	No information available

SECTION 10: Stability and reactivity

stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions have been reported
Conditions to avoid:	No information available
Incompatible materials:	No dangerous reaction known under conditions of normal use.
Hazardous Decomposition:	No information available

SECTION 11: Toxicological information

Toxicity information

There is no evidence available indicating acute toxicity.

Principal Routes of Exposure

Eyes:	No information available
Skin:	No information available
Inhalation:	No information available
Ingestion:	No information available
Carcinogenicity :	No information available
Mutagenicity :	No information available
Teratogenicity:	No information available
Sensitization:	No information available
Specific target organ toxicity:	No information available

SECTION 12: Ecological information

No substances that are hazardous to the environment or that cannot be degraded.

Persistence and degradability:	No information available
Bioaccumulative potential:	No information available
Other adverse effects:	No information available

SECTION 13: Disposal considerations

The generation of waste should be avoided or minimized as much as possible. Empty containers may retain some product residues. The substance and its container must be disposed with approved disposal techniques. The

disposal of this product shall comply with all applicable local, regional, or national/federal regulations.

SECTION 14: Transport information

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number or ID number:	Not Applicable
UN proper shipping name:	Not Applicable
Transport hazard class(es):	Not Applicable
Packing group:	Not Applicable
Environmental hazards:	Not Applicable

SECTION 15: Regulatory information

Disposal need to meet the local policy.

SECTION 16: Other information

The above information is based on the present stage of survey and research, and the recommendations are based on professional evaluations. It can not be considered that this document contains all information.

All items and mixtures may contain unknown hazards and should be used with caution. Since the method and conditions used are beyond our control, we hereby declare that it will not be liable for any damage or loss caused by product, and do not make any guarantee with the information provided in this safety data sheet, and do not make any guarantees with any particular purpose of the product.

-----THE END OF MSDS-----