SAFETY DATA SHEET

Version 8.5
Revision Date 09/09/2024
Print Date 06/21/2025

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

1.1 Product identifiers

Product name : Human PPY / Pancreatic Prohormone ELISA Kit

Product Number : RAB0725
Brand : Sigma

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Corrosive to Metals (Category 1), H290
Carcinogenicity (Category 2), H351

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word	Warning
Hazard Statements	
H290	May be corrosive to metals.
H351	Suspected of causing cancer.
Precautionary Statements	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P234	Keep only in original container.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P390	Absorb spillage to prevent material damage.
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

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SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions
No metal containers.
Tightly closed.
Storage stability Recommended storage temperature
-20 °C
Storage class
Storage class (TRGS 510): 8A: Combustible, corrosive hazardous materials

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

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SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information

DOT (US)

UN number: 3264 Class: 8 Packing group: III

Proper shipping name: Corrosive liquid, acidic, inorganic, n.o.s. (sulphuric acid)

Poison Inhalation Hazard: No

IMDG

UN number: 3264 Class: 8 Packing group: III EMS-No: F-A, S-B

Proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphuric acid)

IATA

UN number: 3264 Class: 8 Packing group: III

Proper shipping name: Corrosive liquid, acidic, inorganic, n.o.s. (sulphuric acid)

SECTION 15: Regulatory information

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

SECTION 16: Other information

Kit Components:

Human PPY Protein Standard, Lyophilized (Item C)	Sigma	RAB0725C	
20X Wash Buffer (Item B)	Sigma	RABWASH4	
HRP-Streptavidin (Item G)	Sigma	RABHRP5	
ELISA Colorimetric TMB Reagent (HRP Substrate, Item H)	Sigma	RABTMB3	Carc. 2; H351
ELISA Stop Solution (Item I)	Sigma	RABSTOP3	Met. Corr. 1; H290

Further information

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture

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and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.
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The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.
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Kit Components:

Human PPY Protein Standard, Lyophilized (Item C)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - RAB0725C					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

20X Wash Buffer (Item B)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - RABWASH4					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

HRP-Streptavidin (Item G)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - RABHRP5					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

ELISA Colorimetric TMB Reagent (HRP Substrate, Item H)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - RABTMB3		Warning	Suspected of causing cancer.	Obtain special instructions before use. IF exposed or	

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				concerned: Get medical advice/ attention. Store locked up. Dispose of contents/ container to an approved waste disposal plant. Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection.	

ELISA Stop Solution (Item I)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma - RABSTOP3		Warning	May be corrosive to metals.	Keep only in original container. Absorb spillage to prevent material damage. Store in corrosive resistant container with a resistant inner liner.	

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