



MATERIAL SAFETY DATA SHEET

(According to 91/155/EEC et seq.)

Product Name: DIASOURCE hGH EASIA kit

Catalog #: KAP1081

1. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1	Product name	DIASOURCE hGH EASIA kit
	Catalog #	KAP1081
	Kit components	Microtiter plate HRP Conjugate Calibrator 0 Calibrators 1 to 5 Wash Solution Controls 1 and 2 Chromogenic TMB Solution Stop Solution
1.2	Intended Use	In vitro diagnostic use
1.3	Company	DIAsource ImmunoAssays S.A. Rue de l'Industrie, 8 B-1400 Nivelles Belgium
1.4	In emergencies	Call your local emergency centre

2. COMPONENTS AND HAZARDOUS INGREDIENTS

	<u>EINECS</u>	<u>Indexnr.</u>
Conjugate Contains material from bovine origin		
Calibrators 0, Calibrators 1-5 Contains material from ovine origin		
Controls 1 and 2 Contains material from human origin		
Stop Solution 3.65 % (w/w) Hydrochloric acid	C, R34-37 231-595-7	017-002-01-X

3. HAZARDS IDENTIFICATION

Conjugate, Calibrators 0, Calibrators 1-5

Animal material is potentially infectious

Controls 1 and 2

Contains material of human origin. Although these materials have been tested for HBsAg, anti-HCV and anti-HIV-1/2 and have been found not reactive, they should be considered as potentially infectious.

4. FIRST AID MEASURES

Not applicable

5. FIRE FIGHTING MEASURES

All Kit Components

Suitable extinguishing media:

- All non combustible extinguishing media allowed

Unsuitable extinguishing media:

- No data available

Special exposure hazards:

- No generation of hazardous or toxic gases in dangerous quantities

Instructions:

- Due to small quantities: no special instructions apply

Special protective equipment for firefighters:

- Due to small quantities: no special instructions apply

6. ACCIDENTAL RELEASE MEASURES

All Kit Components

Personal protection: see 8

Environmental precautions:

- Prevent soil and water pollution
- Discharge according to local regulations

Clean-up:

- Take up liquid spill into absorbent material
- Discharge of absorbed material according to local regulations
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7. HANDLING AND STORAGE

All Kit Components

Handling:

- Observe normal hygiene standards
- Discharge according to local regulations
- Remove and clean contaminated clothing
- Handle and open the container with care

Storage:

- Keep container tightly closed
- Meet the legal requirements
- Keep away from: heat sources, combustible materials, acids, metals
- Storage temperature: see component label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits

No data available

8.2 Control of Exposure

8.2.1 Exposure to persons

All Kit Components

Respiratory Protection: - Use respirators

Eye protection: - Chemical Safety goggles
- Face shield

Hand protection: - Chemical resistant Gloves

Skin protection - Protective clothing

8.2.2 Exposure to environment

No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Microtiter Plate: plate

Controls 1 and 2, Calibrator 0, Calibrators 1 to 5: Lyophilized, soluble in water

HRP Conjugate, Wash Solution, Chromogenic TMB Solution, Stop Solution: Liquid

10. STABILITY AND REACTIVITY

All Kit Components

Stability: All components are stable until expiry date if stored in specified conditions (see label)

Reactivity/Hazardous decomposition products: No hazardous decomposition products are formed in high quantities

Conditions/Materials to avoid: None known

11. TOXICOLOGICAL INFORMATION

Chronic effects

Components do not contain substances with a known chronic effect (e.g. carcinogenicity, mutagenicity, toxicity to reproduction)

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data available

12.2 Mobility

No information available

12.3 Persistence and degradability



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Readily degradable

12.4 Bioaccumulation

No data available

12.5 Other information

- WGK: 1 (Classification based on the components as per Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)
- Effect on the ozone layer: Not dangerous for the ozone layer (1999/45/EC)
- Greenhouse effect: No data available
- Effect on waste water purification: No data available

13. WASTE DISPOSAL CONSIDERATIONS

Provisions relating to waste: Hazardous waste (91/689/EEC)

Packaging/container: Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10 (packaging containing residues of or contaminated by dangerous substances)

Disposal methods:

- Tested specimens, Conjugate, calibrator 0, calibrators 1 to 5, controls 1 and 2 are potentially infectious. They should be disposed of following established safety procedures and local regulations.
- All the kit components must be considered as hazardous waste. They should be disposed of following local regulations.

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

This product is designed for use by professionals.

Risk phrases referred to in paragraph 2&3:

R34: : Causes burns

R37 : Irritating to respiratory system

NOTE: The safety analysis of the lyophilized components in this kit has been performed on the reconstituted



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components. Therefore, the information in this MSDS and product labeling relates to the components as they will be used, i.e. after reconstitution.

All animal products and derivatives have been collected from healthy animals. Bovine components originate from countries where DIA has not been reported.

The human blood components included in this kit have been tested by European approved and/or FDA approved methods and found negative for HBsAg, anti-HCV and anti-HIV-1 and 2. No known method can offer complete assurance that human blood derivatives will not transmit hepatitis, AIDS or other infections. Therefore, handling of reagents, serum or plasma specimens should be in accordance with local safety procedures.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

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