



MATERIAL SAFETY DATA SHEET

1. Product and company identification

Product: **CanAg CA242 EIA**

Product No: **101-85**

Manufacturer: Fujirebio Diagnostics AB
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2. Hazardous ingredients

Kit component	Hazardous ingredient	Concentration	CAS No	R phrases
Standards	Sodium azide (NaN ₃)	0.05 %	26628-22-8	T+;N;R28-32-50 /53
Controls	Sodium azide (NaN ₃)	0.05 %	26628-22-8	T+;N;R28-32-50 /53
Biotin Anti CA242	Sodium azide (NaN ₃)	0.05 %	26628-22-8	T+;N;R28-32-50 /53
HRP Stop Solution	Hydrogen chloride (HCl)	0.12 M	7647-01-0	C; R34-37

3. Hazards identification

None of the kit components of the CanAg CA242 EIA kit may be classified as hazardous due to the low concentration of hazardous ingredients. However, sodium azide is a toxic substance. Avoid contact with components, which contain sodium azide, and do not ingest.

An accumulation of sodium azide may result in a reaction with lead or copper plumbing to form an explosive metal azide complex. If drain disposed, dilute and flush with a copious amount of running water to prevent azide build-up. Dangerous when in contact with acid.

4. First aid measures

Inhalation: Remove victim from source of exposure. If breathing is difficult, administer oxygen.

Skin exposure: In case of contact, wash with plenty of soap and water. Seek medical attention if irritation develops.

Eyes: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention.

Ingestion: Give 2-3 glasses of water to drink and do not induce vomiting. Seek immediate medical attention.

5. Fire fighting measures

Use extinguishing media appropriate to surrounding materials. No special equipment or procedures are required.

6. Accidental release measures

Absorb spills of reagents and patient samples with absorbent paper, taking care not to spread the material. Clean spill area with a freshly made 0.5 % sodium hypochlorite (bleach) solution. Discard all materials used to absorb spill and disinfect area into biohazard waste collection for proper disposal. Avoid contact with eyes and skin.

7. Handling and storage

Handling: Do not eat, drink, smoke or apply cosmetics in laboratory areas. Do not pipette patient samples or reagents by mouth. Avoid splashing or aerosol formation. Use all reagents in accordance with the relevant package insert. Avoid high temperatures and keep from freezing during transport.

Storage: Store all reagents as directed in the relevant package insert.

8. Exposure controls and personal protection

Engineering controls: None required

Wear appropriate personal protective equipment when working with reagents or patient specimens, including lab coats, disposable gloves and eye protection. Avoid hand/mouth contact. Wash hands as soon as possible after handling reagents or patient specimens.

9. Physical and chemical properties

Physical state: Liquid Color: Clear Odor: None
Basic physical properties: As water

10. Stability and reactivity

The reagents in the kit are stable under the storage conditions described in the package insert. Hazardous decomposition will not occur. There are no known strong incompatibilities.

11. Toxicological information

Due to low concentrations of toxic ingredient used the product is not toxic.

12. Ecological information

The product does not effect the environment.

13. Disposal considerations

Dispose in accordance with applicable laws. If drain disposed, dilute and flush with a copious amount of running water to prevent azide build-up.

14. Transport information

No limitations apply

15. Regulatory information

This product is classified and labelled in accordance with EEC directives 99/45/EC and 91/155/EEC as modified in 2001/58/EC.

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16. Other information

T+: Very toxic

N: Dangerous For The Environment

C: Corrosive

R28: Very toxic if swallowed

R32: Contact with acid liberates very toxic gas.

R50 /53: Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

R34: Causes burns.

R37: Irritating to respiratory system.

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