

1. Information of the substance/mixture and of the company/undertaking	
1.1 Commercial product name	Digoxin Test Kit
Cat. No.:	TD3410
1.2 Company:	RANDOX Laboratories Ltd., 55 Diamond Road, Crumlin, Co. Antrim, United Kingdom, BT29 4QY Tel: +44 (0) 28 9442 2413; Fax: +44 (0) 28 9445 2912 Email: <a href="mailto:msds@randox.com">msds@randox.com</a> Website: <a href="http://www.randox.com">www.randox.com</a>
1.3 In Emergencies:	Tel: +44 (0) 28 9442 2413

2. Hazards identification	
	Contains no hazardous substances in reportable quantities
Classification:	Biohazard

3. Composition / Information on Ingredients	
Warnings:	For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice.  Reagent 1 is of human origin. It has been tested for the Human Immunodeficiency Virus (HIV 1 and 2) Antibodies, HBs Ag and HCV antibodies and found to be non-reactive. However as no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious disease and disposed of accordingly.  Reagents 1 and 2 contain sodium azide (<0.1%w/v). Sodium azide reacts with lead or copper plumbing to form potentially explosive azides. When disposing of such reagents flush with large volumes of water to prevent azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.
Risk phrases:	None
Safety phrases:	None

4. First aid measures	
Emergency First Aid:	Call an internal First Aider where available or else contact a physician immediately. Direction for First Aider or Physician:
Inhalation:	If inhalation occurs move the patient to fresh air. If not breathing give artificial respiration. If breathing is difficult then give oxygen.
Ingestion:	If patient is conscious wash out mouth with water. Give one or two glasses of water or milk to dilute and induce vomiting. Get immediate medical attention.
Skin Contact:	Remove all contaminated clothing immediately. Wash off with soap and plenty of water. Wash contaminated clothing before re-use.
Eye Contact:	Rinse immediately with water for 10 minutes. Transport to hospital for further medical attention.

5. Fire-fighting measures	
Flash point:	Not Known
Flammable limits:	Not Known
Extinguishing media:	No restrictions: can use water, carbon dioxide, dry chemical or foam.
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	Not Known
Thermal decomposition:	Gases, which are damaging to health, do not form in dangerous quantities.

6. Accidental release measures	
After spillage:	<p><u>Reagent 1</u> Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20minutes prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p> <p><u>Reagent 2</u> Use appropriate spill absorbent kit as instructed by the manufacturer. Alternatively, mop up with an absorbent material and hold for waste disposal. Ventilate area and wash spill site after material pick up is complete.</p> <p>Appropriate Personal Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask.</p>
Absorbent material:	No restriction

7. Handling and storage	
7.1 Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
7.2 Storage	Store at temperatures and conditions as indicated on the product label
Do not store together:	N/A

8. Exposure controls/personal protection	
MEL/OES	Not known
Respiratory protection:	None required
Eye protection:	Safety glasses
Hand protection:	Standard laboratory chemical rubber or latex gloves
Skin protection:	A Laboratory coat is recommended

9. Physical and chemical properties	
Physical state:	Liquid Reagents
Colour:	Reagent 1: Clear, light yellow liquid Reagent 2; Milky, white liquid
Odour:	None
pH value:	Not known
Boiling point	Not known
Melting point:	Not Known
Oxidising properties:	N/D
Ignition temperature	N/D
Explosion limits:	N/D
Density:	N/D
Solubility in water:	Not Known

10. Stability and reactivity	
Stability:	Stable under ordinary conditions of use and storage.
Conditions to avoid:	N/D
Substances to avoid:	Avoid contact with metals and acids.
Hazardous decomposition products:	N/D

11. Toxicological information:	
LD50 oral	Not known
LD50 intraperitoneal	Not known
LD50 skin	Not known
LC50 inhalation	Not known
Toxicologic information:	Not known

12. Ecological information	
Water hazard class:	Data not yet available

13. Disposal considerations	<p>Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with Local and National Environmental Regulations</p> <p>Refer to Section 6.</p>
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14. Transport Information			
GGVE/GGVS:	Data not yet available	RID/ADR	Data not yet available
ICAO/IATA-DGR:	Data not yet available	UN-Nr.:	Data not yet available
IMDG-CODE:	Data not yet available	MFAG	Data not yet available
		EMS:	Data not yet available

15. Regulatory information	
	This product contains no hazardous chemicals in reportable quantities according to CHIP 3.
Hazard symbol:	Biohazard
Risk phrases:	None
Safety phrases:	None
Precautions:	See Section 3

16. Other information	
	The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our products is responsible for observing any National laws and guidelines applicable.