SAFETY DATA SHEET

1. Information of the substance/mixture and of the company/undertaking	
1.1 Commercial product name	Metabolic Syndrome Array I Calibrators
Cat. No.:	EV3756
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: **msds@randox.com** Website: **www.randox.com**
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 Research Use Only. Not for use in diagnostic procedures. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, inhalation and ingestion. Biohazard – The product contains an antigen of human origin. This material has been tested for the HIV (Human Immunodeficiency Virus) Antibody, HBsAg and HCV 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.
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 inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Ingestion:	If swallowed wash out mouth with water provided person is conscious, call a physician.
Skin Contact:	In case of skin contact immediately wash skin with soap and copious quantities of water.
Eye Contact:	Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.

5. Fire-fighting measures	
Flash point:	Not known
Flammable limits:	Not known
Extinguishing media:	Can use water, carbon dioxide, dry chemical or foam
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	Not known
Thermal decomposition:	Not known

6. Accidental release measures	
After spillage:	**Precautions** Treat material as you would human body fluids. Disposal should therefore include autoclaving at 121ºC for 20 min. prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% solution of sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood. Appropriate Personal Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask. Ventilate area and wash spill site after material pick up is complete.
Absorbent material:	No restriction

7. Handling and storage	
7.1 Handling:	The normal precautions for handling chemicals must be observed. Avoid inhalation. Avoid contact with skin and do not swallow.
7.2 Storage	Store at temperatures and conditions as indicated on the product label.
Do not store together:	No restrictions.

8. Exposure controls/personal protection	
MEL/OES	Not known
Respiratory protection:	None
Eye protection:	Protective glasses
Hand protection:	Protective gloves (rubber or plastic)
Skin protection:	Laboratory coat

9. Physical and chemical properties	
Physical state:	Lyophilised
Colour:	White powder
Odour:	Odourless
pH value:	Not determined
Boiling point	Not determined
Melting point:	Not determined
Oxidising properties:	Not determined
Ignition temperature	Not determined
Explosion limits:	Not determined
Density:	Not determined
Solubility in water:	Not determined

10. Stability and reactivity	
Stability:	Stable
Conditions to avoid:	Not determined
Substances to avoid:	Not determined
Hazardous decomposition products:	None determined

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	Treat material as you would human body fluids. Disposal should therefore include autoclaving at 121°C for 20 min. prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% solution of sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood. Refer to Section 6.

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: Safety phrases:	None 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.