

1. Information of the substance/preparation and of the company	
1.1 Commercial product name	Lipoprotein (a) Calibrator Series
Cat. No.	KG3404
1.2. Company	BGT BioGenTechnologies GmbH Von-Langen-Weg 10 D-48565 Steinfurt Tel.: 02551/4090 Fax.: 02551/1298
1.3. In Emergencies	Tel.: 02551/4090

2. Composition / Hazardous Ingredients	
	Lyophilised Human Serum (Contains no hazardous chemicals in reportable quantities)
Classification:	No hazardous chemicals as classified by CHIP 3

3. Hazards identification	
Warnings:	For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. The serum in this kit is of human origin. This serum has been tested for the HIV (Human Immunodeficiency Virus) Antibody, HBs Ag and HCV and found to be non-reactive using FDA approved methods. 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. The calibrators contain very low levels of Sodium Azide (<0.03%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 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 15min. Assure adequate flushing by separating eyelids with fingers. Call a physician.

5. Fire-fighting measures	
Flash point:	Not determined
Flammable limits:	Not determined
Extinguishing media:	No restrictions
Thermal decomposition:	Gases which are damaging to health do not form in dangerous quantities.

Commercial product name:	Lipoprotein (a) Calibrator Series
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6. Accidental release measures

After spillage:	Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 mins 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.
Absorbent material:	No restriction

7. Handling and storage

7.1 Handling:	The normal precautions for handling chemicals must be observed.
7.2 Storage	Store between +2 and +8°C
Do not store together:	N/A

8. Exposure controls/personal protection

MEL/OES	Not determined
Respiratory protection:	None
Eye protection:	Protective Glasses
Hand protection:	One-Way Gloves (Rubber or Plastic)
Skin Protection:	A laboratory coat or apron is recommended.

9. Physical and chemical properties

Physical state:	Lyophilised
Colour:	Straw-Coloured
Odour:	Odourless
pH value:	Not determined
Boiling point	Not determined
Melting point:	Not determined
Flash point:	Not determined
Substance does not have any oxidising properties:	Not determined
Ignition temperature	Not determined
Explosion limits:	Not determined
Vapour pressure:	Not determined
Density:	Not determined
Solubility in water:	Soluble
in:	Not determined
Viscosity	Not determined

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10. Stability and reactivity	
Stability:	
Conditions to avoid:	Not determined
Substances to avoid:	Not determined
Hazardous decomposition products:	Only small concentrations.

11. Toxicological information:	
LD50 oral	Not determined
LD50 intraperitoneal	Not determined
LD50 skin	Not determined
LD50 inhalation	Not determined
Toxicologic information:	Not thoroughly investigated

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

13. Disposal:	<p>Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 mins prior to appropriate disposal with regard to local regulations.</p> <p>Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</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.
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 laws and guidelines applicable.