

Safety Data Sheet (SDS)

1. Identification: Product and Company Identity

Supplier details: The Royal College of Pathologists of Australasia Quality Assurance Programs (RCPAQAP)
Suite 201, Level 2, 8 Herbert Street
St Leonards NSW 2065, Australia

Tel: +61 2 9045 6000

Emergency Tel: +61 418 996 351

Email: Customer.service@rcpaqap.com.au

Website: www.rcpaqap.com.au

Catalogue Number	Product Name
15010102	Alcohol and Ammonia - Full Program
15020102	StatStrip Glucose
15660102	StatStrip Ketones
15030102	Bile Acids - Full Program
15040102	Blood Gases - Full Program
15050102	CO-oximetry - Full Program
15060102	B-Natriuretic Peptide - Full Program
15070102	Body Fluids - Full Program
15080102	C Reactive Protein - Full Program
15090102	Compact Serum Chemistry - Full Program
15750102	Condensed Blood Gases - Full Program
15110102	Condensed PoCT Blood Gases - Full Program
15120102	Condensed PoCT Troponin and HCG - Full Program
15100102	Condensed Serum Chemistry - Full Program
15140102	CSF Chemistry - Full Program
15150102	CSF Oligoclonal Bands - Full Program
15670102	Disaccharidases- Full Program
15160202	Dried Blood Spot - Full Program
15170102	Angiotensin-converting Enzyme- Full Program
15180102	Anti-Mullerian Hormone - Full Program
15690102	Bone Markers - Full Program
15190102	Endocrine - Full Program
15220102	Endocrine Special - Full Program

15680102	Parathyroid hormone and Renin - Full Program
15200102	Prostate Specific Antigen - Full Program
15210102	Red Cell Folate - Full Program
15230102	Faecal Occult Blood - Full Program
15720102	Foetal Fibronectin - Full Program
15240102	General Serum Chemistry - Full Program
15580102	Biogenic Amines - Full Program
15590102	General Urine Chemistry - Full Program
15250102	HbA1c Lyophilised - Full Program
15650102	HbA1c Whole Blood - Full Program
15260102	IGF-1/C Peptide - Full Program
15270102	Liquid Serum Chemistry - Full Program
15290102	Neonatal Bilirubin - Full Program
15300102	On-Site Urine Toxicology Screening - Full Program
15310102	Oral Fluid Toxicology Screening - Full Program
15330102	Plasma Metanephrines - Full Program
15350102	PoCT Blood Gases - Full Program
15340102	PoCT Troponin and HCG - Full Program
15380102	Porphyrins - Faeces - Full Program
15390102	Porphyrins - Plasma - Full Program
15400102	Porphyrins - Urine - Full Program
15730102	Porphyrins - Urine Qual PBG only - Full Program
15370102	Porphyrins - Whole Blood - Full Program
15430102	QAAMS ACR - Full Program
15440102	QAAMS HbA1c - Full Program
15460102	Salivary Cortisol - Full Program
15470102	Serum Indices - Full Program
15480202	Roche Solutions Glucose Meters
15700102	Anti-Fungals - Full Program
15500102	Immunosuppressants - Full Program
15510102	Special Drugs - Full Program
15710102	Thiopurines - Full Program
15490102	Special Lipids - Full Program
15520102	Sweat Testing - Full Program
15530102	Trace Elements - Blood - Full Program
15540102	Trace Elements - Serum - Full Program
15550102	Trace Elements - Urine - Full Program

15560102	Tumour Markers - Full Program
15570102	Urine Amylase - Full Program
15600102	Urine Pregnancy Testing - Full Program
15610102	Urine Toxicology - Full Program
15620102	Vitamin C - Full Program
15630102	Vitamins - Blood - Full Program
15640102	Vitamins - Serum - Full Program

Recommended use: Quality Assurance/Proficiency Testing programs. Not to be used in the treatment and diagnosis of patients.

2. Hazard Identification

Chemical hazard:	Not applicable
Environmental hazard:	Not applicable
Health hazard:	Exempt human specimens

No known test method can offer complete assurance that products derived from inactivated microorganisms and/or human sources will not transmit infection. All proficiency testing materials supplied by RCPAQAP must therefore be considered as a potential biohazard and should be handled appropriately and with care. The participant is responsible for the safe handling, storage and disposal of RCPAQAP proficiency testing materials in such a way that ensures that the proficiency testing materials will not cause any harm to any person.

The participant understands and acknowledges that, given the nature and characteristics of RCPAQAP proficiency testing materials;

- laboratory staff should be trained in the handling of infectious materials
- proficiency testing materials should be processed in a laboratory environment as identified by the relevant legislative requirements
- they are aware of all matters that concern the safe handling, storage and disposal of proficiency testing materials;
- they have the facilities and processes required for the safe handling, storage and disposal of proficiency testing materials;
- that they follow Standard Safety Precautions when handling potentially infectious materials.
- they utilise Personal Protective Equipment (PPE) as identified by the relevant legislative requirements for the routine handling of potentially infectious materials.

3. Composition and Information on Ingredients

Products may contain the below components (see also section 9)

CAS#	Component	Percentage
Not Applicable	Human fluids and tissue	0-100%
68551-06-4	Bovine Albumin	0-100%
Not Applicable	Aqueous solution of salts and gases	0-100%

4. First-aid Measures

If accidental contact with material occurs laboratory staff should follow appropriate first aid procedures for exposure to an equivalent clinical specimen. Following exposure, medical advice should be sought. If accidental spillage occurs, follow routine procedures for clean-up of potentially biohazardous materials.

5. Firefighting measures

Not applicable, not flammable.

6. Accidental Release Measures

Personal protective equipment such as gloves, gown and protective eyewear should be used before cleaning any spills. Dispose any sharps in a safe disposal system. Clean the area with absorbent paper and clean excess with suitable disinfectant (such as bleach or 70% w/v alcohol).

7. Handling and Storage

On arrival, samples should be stored as per instructions on the outer box. Samples have been shown to be stable when transported at ambient temperature.

Samples should be re-constituted or prepared according to Survey Instructions provided.

8. Exposure Controls and Personal Protection

Samples are only intended for processing in a clinical laboratory facility and should be handled in the same manner as routine patient samples using universal precautions and appropriate personal protective equipment. Biosafety Level 2 precautions at a minimum should be used.

9. Physical and Chemical Properties

Products may contain:

Whole blood: red and odourless, pH neutral

Blood spot: red and odourless, pH neutral

Serum/plasma: straw colour and odourless, pH neutral

Urine: straw colour and odourless, pH neutral

Lyophilised serum/urine/: straw colour powder, pH neutral

CSF: clear to straw colour and odourless, pH neutral

Amniotic Fluid: clear to straw colour and odourless, pH neutral

Blood Gases only: Aqueous solution of salts and gases including sodium chloride, Potassium Chloride, Calcium Chloride, Magnesium Chloride, Lithium Lactate, Sodium Lactate, Sodium bicarbonate, Glucose, Urea and purified Bovine Albumin

10. Stability and Reactivity

This material is stable under normal temperatures and pressures, is non-corrosive, and polymerization will not occur.

Conditions to avoid: Avoid excess heat.

11. Toxicological Information

Tested and found non-reactive for the presence of hepatitis B surface antigen (HbsAg), human immunodeficiency virus antigen (HIV-1 Ag), antibody to hepatitis C virus (anti-HCV), and antibody to human immunodeficiency virus (anti-HIV-1/HIV-2).

12. Ecological information

Same bio-degradability as human blood, urine and other bodily fluids.

13. Disposal information

Dispose as clinical waste in suitably identified containers using a registered clinical waste disposal contractor (same as for patient samples).

14. Transport information

Proper Shipping Name: Exempt Human Specimens

UN Number: Not Applicable

Hazard Class/Packing Group: Category C

Labels Required: Exempt human specimens

IATA Packaging Requirements: Sample is not subject to the IATA Dangerous Goods Regulations as long as the specimen is transported in triple packaging that prevents leakage.

15. Regulatory information

Not Applicable

16. Other information

Reviewed annually as part of the RCPAQAP compliance with ISO/IEC 17043

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