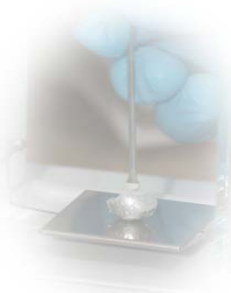


## Quality Control Matrix Reference Material (QCRM)

- Economical means of validating accuracy of routine tests on a regular basis.
- Uncertainties of QCRMs whilst larger than those of corresponding CRMs are still fit for their intended purpose.
- WEQAS has over 30 years experience in the production of EQA and QC material.
- QCRMs currently available include sterile, liquid serum for electrolyte, metabolite, lipid and steroid assay validation.
- Liquid serum overcomes many of the problems associated with lyophilised material.

### Validation Pack

The linear panel of 4 samples covers a broad analytical range and provides an ideal way for both manufacturer and laboratory to evaluate new IVD products or troubleshoot existing products.



### Product range:

#### Electrolytes

Analyte	Approx. Range Covered	
Sodium	105 - 160	mmol/l
Potassium	1.8 - 7.5	mmol/l
Calcium	1.6 - 4.0	mmol/l
Magnesium	0.4 - 2.0	mmol/l
Lithium	0.2 - 2.0	mmol/l

#### Lipids

Analyte	Approx. Range Covered	
Cholesterol	1 - 8	mmol/l
Triglycerides	0.6 - 8	mmol/l

### Traceability

- Validated reference methods.
- Traceable standard reference material used where available
- Reference values and uncertainty are provided for each sample

### Stability

- Samples are filtered to 0.2um to maintain sterility.
- The material is stable for at least 12 months at -20 °C.
- Extensive accelerated stability experiments and homogeneity testing on all the material.

## Suitable for method linearity and bias assessment

#### Metabolites

Analyte	Approx. Range Covered	
Creatinine	25 - 600	µmol/l
Uric Acid	0.1 - 1.2	mmol/l
Glucose	1.0 - 25	mmol/l

#### Steroids

Analyte	Approx. Range Covered	
Cortisol	60 - 1500	nmol/l
Progesterone	1.0 - 80	nmol/l
Testosterone	1.0 - 35	nmol/l

## Ideal for instrument tenders or equipment validation

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 Price and availability on application

