

Autonomy Control™ Sera

A range of quality control sera for clinical immunology



BRINGING INNOVATION TO IMMUNOASSAY

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Genesis Diagnostics Ltd, 8 Henry Crabb Road, Littleport, Cambridgeshire CB6 1SE, United Kingdom
Tel: +44 (0) 1353 862220 Fax: +44 (0) 1353 863330 Email: genesis@elisa.co.uk

www.elisa.co.uk

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Immunoassays play a major role in the diagnosis and treatment of disease. In acknowledgement of the importance of accurate testing, Genesis has produced a wide range of quality control sera to monitor assay performance and help ensure consistency over time. Genesis Autonomy Controls have earned an excellent reputation and are used in clinical laboratories world-wide.



Autonomy control range

Code	Description
GDA01M	Rheumatoid Factor-IgM
GDA01A	Rheumatoid Factor-IgA
GDA01G	Rheumatoid Factor-IgG
GDA02	Proteinase-3 (PR3) Abs
GDA03	Myeloperoxidase (MPO) Abs
GDA04	dsDNA Abs
GDA05	SSA/SSB Abs
GDA06	Jo-1 Abs
GDA07	Centromere B Abs
GDA08	TPO / Tg Abs
GDA09	Cardiolipin IgG/IgM
GDA10	B2-GP-1 IgG
GDA11	Prothrombin IgG
GDA12	LKM-1 / LC-1 IgG
GDA14	Gliadin IgG/IgA
GDA15	Intrinsic Factor / GPC Abs
GDA16	GAD Abs
GDA17	GBM Abs
GDA18	Scl-70 Abs
GDA19	Sm/Sm RNP Abs
GDA20	Acetylcholine Receptor Abs
GDA21	Transglutaminase IgA
GDA22	U1 RNP Antibodies
GDA23	Citrullinated Protein / CCP Abs

Frequently asked questions

1. Why are independent control sera important?

- ▶ To verify the performance of in-vitro diagnostic tests - an integral part of good laboratory practice
- ▶ Test kit controls may give satisfactory, in range results even though the correct protocols are not followed
- ▶ In-house controls can deteriorate when stored for extended periods of time
- ▶ Preparation of 'in-house' controls is time consuming and often associated with problems caused by freeze-thawing
- ▶ Materials used to calibrate or standardise assay runs are not true controls and will not predict reproducibility, particularly for samples at or near the cut-off
- ▶ Reduces costs by identifying masked errors earlier

2. Why choose Genesis Autonomy Controls?

- ▶ Safe and simple to use with up to 100 tests/vial
- ▶ Supplied as ready-to-use liquid
- ▶ Packaged as 2 x 0.5mL vials (one negative and one positive)
- ▶ Stable with a shelf-life up to 4 years (120 days once opened)
- ▶ Product is stored at 2-8 °C

All products are CE Marked

3. How do we select the concentration for the positive control?

- ▶ Serum is selected so that the positive value is 2-3 times that of the cut off level. This allows assay precision to be monitored around the cut-off/moderate positive range

4. Why do we provide a negative control?

- ▶ The negative control monitors assay specificity and provides a guard against false positive results due to reagent deterioration

5. Availability

- ▶ Stock levels are maintained to ensure immediate supply

6. Serum Safety

- ▶ All Autonomy Controls have been screened negative for HIV, HCV, & HbsAg. However, all serum products should be handled as potentially hazardous
- ▶ Autonomy Controls are supplied in robust plastic wallets for ease of storage, and identification

