

AUTONOMY CONTROL SERA



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 worldwide.

Frequently Asked Questions

Why are independent control sera important?

- To verify the performance of in-vitro diagnostics 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

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)
- Product is stored at 2-8°C
- All products are CE marked

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 of Genesis kits. This allows assay precision to be monitored around the cut off/moderate positive range

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

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

AUTONOMY CONTROL RANGE

Code	Description
GDA01A	Rheumatoid Factor IgA
GDA01G	Rheumatoid Factor IgG
GDA01M	Rheumatoid Factor IgM
GDA02	Proteinase-3 (PR3)
GDA03	Myeloperoxidase (MPO)
GDA04	dsDNA
GDA05*	SSA/SSB
GDA06	Jo-1
GDA07	Centromere B
GDA08	Thyroid Peroxidase (TPO)/Thyroglobulin
GDA09*	Cardiolipin IgG/IgM
GDA10	β 2-Glycoprotein 1 IgG
GDA11	Prothrombin IgG
GDA12*	Liver Kidney Microsome 1 (LKM-1)/Liver Cystol 1 (LC-1) IgG
GDA14*	Gliadin IgG/IgA
GDA15*	Intrinsic Factor/Gastric Parietal Cell (GPC)
GDA16	Glutamic Acid Decarboxylase (GAD)
GDA17	Glomerular Basement Membrane (GBM)
GDA18	Scl 70
GDA19*	Sm/RNP
GDA20	Acetylcholine Receptor
GDA21	Tissue Transglutaminase IgA
GDA22	U1 RNP
GDA23	Cyclic Citrullinated Protein (CCP)
GDA24	Tissue Transglutaminase IgG

* One control for each analyte listed and one negative control

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