

HumEQAS ClinChem^{lyo}

Lyophilized sample for clinical chemistry proficiency testing

Package Size

REF 13100010	Cycle 1	2 samples	for 2 x 5 ml
REF 13100020	Cycle 2	2 samples	for 2 x 5 ml
REF 13100030	Cycle 3	2 samples	for 2 x 5 ml
REF 13100040	Cycle 4	2 samples	for 2 x 5 ml

Properties and Use

HumEQAS ClinChem^{lyo} are lyophilised sera. The HumEQAS ClinChem^{lyo} are both stable and similar to human samples.

HumEQAS ClinChem^{lyo} are intended as external quality controls for proficiency testing.

Instruction for Use

Reconstituting the Lyophilisate

Open the HumEQAS ClinChem^{lyo} vial carefully to avoid any loss of the substance. Accurately pipette 5.0 ml of distilled water to the contents of one vial. Close the vial carefully and allow to stand at room temperature, protected from light, for at least 30 minutes. Then completely dissolve and thoroughly mix any undissolved substance still adhering to the flask and the stopper, by careful swirling, rocking or rotating. **Do not shake.**

Avoid foaming. The reconstituted ready-to-use sample must be used like patient sample

Storage/Stability

Store the vial in a refrigerator (2...8°C). Once opened, reconstituted and stored at 2...8°C the components of HumEQAS ClinChem^{lyo} are stable for at least 3 days. The stability of Bilirubin is 6 hours when stored in the dark at 2...8°C. Alkaline Phosphatase is stable for 1 day when stored at 2...8°C. For determining alkaline phosphatase, HumEQAS ClinChem^{lyo} should not be used earlier than 2 hours after reconstitution. In order to prevent contamination and to protect from light (Bilirubin, CK), we recommend storing the original bottle in a dark place and removing the necessary amount for a day's usage.

Frozen once and stored at -20°C, the serum is stable for 1 month. Before use mix thawed serum carefully. However we recommend to use HumEQAS ClinChem^{lyo} freshly solved and not to freeze them.

Safety Notes

HumEQAS ClinChem^{lyo} has been obtained from the blood of carefully selected human donors. Each blood donation contributing to HumEQAS ClinChem^{lyo} gave non-reactive results for Hepatitis B surface antigen, anti-HCV and HIV-I/II antibodies. Nevertheless, it is advisable to use the precautions employed when working with patient serum since even these tests do not rule out potential infectiousness.

Performance

HumEQAS samples should be treated the same as patient specimen and run in accordance with the instructions for use of the analyzer, kit or reagent used. Dispose any materials in accordance with the requirements of your local waste management authorities.

Timing of Assay

There are 4 cycles to be assayed during the course of a one year period. Each cycle consists on 2 samples.

Reporting of Results

For all analytes chosen on registration values should be transmitted to HumEQAS. Analytes registered but missing results will be treated as not passed. Following analysis submit the values obtained electronically via HumEQAS webportal . or write in the appropriate boxes in the result form. Participants should allow adequate time for postal delivery. Results submitted by facsimile or sent by postal should arrive at least 2 working days before results receipt date. This is to allow your local distributor resolution of any transmission error and to ensure enough time for value entry and result submission Results submitted without additional information about method and manufacturer cannot be accepted. In the event that a result exceeds the linearity range of the method used, handle out of range sample in accordance with manufacturer's recommendations or according to established laboratory practise.

Late Results

Only results which reach HumEQAS in due time 24.00 hours Greenwich Mean Time (GMT) on the results receipt date can be considered for evaluation.

Change of Method

Any change of method(s) during the course of the program should be indicated either by electronic registration or on the result form.

Confidentiality

To protect the identity of a participant, each laboratory is identified by a unique code known only to HumEQAS and the participant.

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