

Intended Use

The Futhan (nafamostat mesylate) collection kit is used to increase the stability of complement proteins produced from the classical and alternative complement pathways.

Summary

Futhan is a broad spectrum protease inhibitor. Without Futhan the values for complements C3a des arginine and C4a des arginine are elevated due to their instability in vitro. The addition of Futhan allows the sample to be processed and analyzed without rapid elevation of the results for these two complement tests.

Reagents

Each kit contains one 6 ml lavender-stopped (K2 EDTA) collection tube, one polypropylene purple screw cap tube, and one vial containing 0.3 ml Futhan.

Note: This procedure is for in vitro diagnostic use only and is not intended for internal, external human/animal use.

Instructions for Use

It is critical that the Futhan be added to the whole blood specimen within a minute after collection. Using a chilled 6 ml EDTA lavender-stopper tube, collect a whole blood specimen. Mix the specimen several times by inverting the EDTA collection tube. Remove the Futhan vial cap and pour the contents of the vial into the whole blood specimen tube. Gently tap any remaining Futhan into the EDTA tube (there will be a residual amount of Futhan left in the vial, approximately 50 ul, but this is expected). Recap the EDTA tube and invert it several times to mix well. Centrifuge the whole blood specimen to separate the plasma, and immediately thereafter transfer the plasma into the PP purple screw-cap tube and freeze.

Storage and Stability

Futhan collection kit should be stored 2-8 degrees C. Refer to the individual component labels for their expiration dates.

References

Futhan package insert, Tocris Bioscience, 5B10 Centre, Cabot Park, Bristol, BS11 0QL, UK.