



NEW CRYOcheck™ Chromogenic Factor VIII Assay

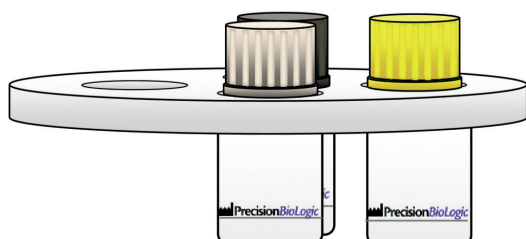
For laboratories wishing to accurately quantify Factor VIII activity, there is a ready-to-use chromogenic Factor VIII assay. The CRYOcheck Chromogenic Factor VIII assay is designed for ease of use and to minimise reagent waste. The assay is intended to identify Factor VIII deficiency and aid in the management of haemophilia A.



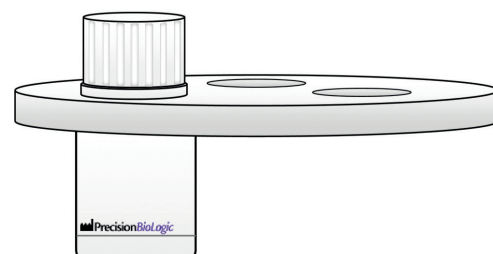
Chromogenic Factor VIII Assay

Easy to use

The CRYOcheck Chromogenic Factor VIII assay is quick and easy to use; simply thaw the vials in a standard water bath for a few minutes, load them onto your automated coagulation analyser, and you're ready to go!



Thaw reagents 1, 2 and 3 in a water bath for four minutes at 37 °C



Thaw the diluent buffer in a water bath for five minutes at 37 °C

With only four separate components provided in convenient colour coded vials, it's easy to identify each component so running the assay is very straight forward. Precision BioLogic also takes the guess work out of setting up the assay by providing a validated protocol for most coagulation analysers.

Suitable for all samples

The CRYOcheck Chromogenic Factor VIII assay takes the struggle out of testing at the low end with a Limit of Quantitation of 0.5%. The assay uses a single calibration curve for all measurements, and reflex testing for any samples under 5%.

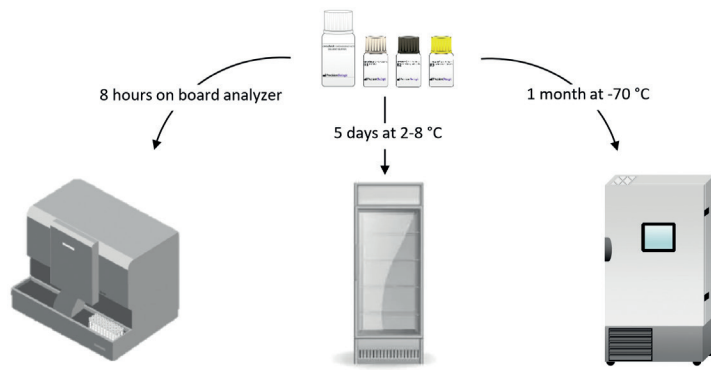
Chromogenic assays are less susceptible to interferences from pre-activation of Factor VIII, the presence of anti-phospholipid antibodies, lipaemic samples, or samples with heparin, than clot-based assays, and have been shown to accurately quantify Factor VIII activity in patients using extended half-life factor concentrate treatments.

The CRYOcheck Chromogenic Factor VIII assay uses a bovine based Factor X protein insensitive to Emicizumab in the patient sample, making it suitable for measuring Factor VIII activity levels in the presence of Emicizumab. Emicizumab interferes with one stage clotting assays by significantly shortening clotting times and resulting in grossly overestimated Factor VIII activity, making a chromogenic assay the best choice for patients being treated with Emicizumab.



Cost Saving

The CRYOcheck Chromogenic Factor VIII assay is designed to minimise reagent wastage. Once thawed, reagents can be used for up to 8 hours on board the analyser. When not in use, reagents can be stored at 2 –8 °C for up to 5 days when capped in their original vials. Reagents that have been in use for <4 hours may be refrozen at -70 °C and stored for up to one month.

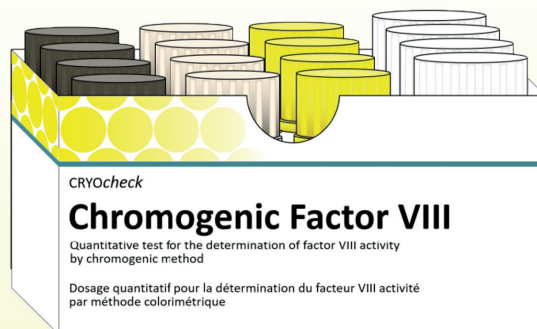


In addition to this any reagent remaining due to dead volume limitations can be re-frozen in the original vial and pooled for use later.



One Kit Fits All

The CRYOcheck Chromogenic Factor VIII assay comes packaged as four vial sets, making it suitable for both high and low volumes of testing. Laboratories can scale up for high volume testing, and the ability to store unused reagents refrigerated for up to 5 days or frozen for up to 1 month, makes the kit perfect for low volume testing too. The kit offers labs flexibility in how they plan their Factor VIII activity testing.



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Ordering Information

Product Code	Description	Pack Size
CCCF08	Chromogenic Factor VIII Assay	Contains contains 4 vial sets of frozen reagents, approximately 125 tests per kit (varies by instrument) Each vial set comprises: Reagent 1: 1 x 1.25ml Bovine Factor X and a fibrin polymerisation inhibitor, plus activators and stabilisers (●) Reagent 2: 1 x 1.25ml Human FIIa, human Factor IXa, calcium chloride and phospholipids (●) Reagent 3: 1 x 1.25ml Factor Xa substrate containing EDTA and a thrombin inhibitor (●) Diluent Buffer: 1 x 7.0ml Tris buffer solution containing 1% BSA and a heparin antagonist (●)

