Anti-Human Factor IX (Goat)
Biotinylated Affinity-Purified IgG 0.10 mg

Ref#: GAF9-APBIO
Lot#: xxxxxx
Exp. Date: xxxx-xx

Store at +2 to +8°C

For Research Use Only
Not for Use in Diagnostic Procedures
For *in vitro* use only

Immunogen:	Human Factor IX (from human plasma)
Format:	Affinity-purified IgG conjugated to biotin in phosphate-buffered saline with 1% BSA and 0.1% sodium azide (w/v). Clear colourless liquid.
Host:	Goat
Storage:	Store between +2 and +8°C. Vial should be tightly capped
Total Protein:	0.10 mg
Applications:	Suitable as a source of biotinylated antibodies For Research Use Only. Not for Use in Diagnostic Procedures. For *in vitro* use only
Volume:	1 vial containing 0.100 mL anti-human, affinity-purified IgG conjugated to biotin
Concentration:	1.00 mg/mL affinity-purified IgG-biotin by absorbance; Extinction Coefficient $E^{1\%}_{280}$ = 14.0
Specificity:	Prior to conjugation, specificity demonstrated by immunoelectrophoresis and ELISA methods
Incorporation of Biotin:	8.6 moles biotin per mole IgG as determined by HABA assay.

Coagulation Factor IX (FIX), also known as Christmas Factor, is a 55 kDa vitamin K-dependent glycoprotein synthesized in the liver and composed of a single polypeptide chain. Factor IX is present in plasma as a zymogen and, when activated to FIXa by Factor XIa in the presence of calcium, thrombin and phospholipids, it forms an active complex with thrombin-activated FVIII:C, which is then able to convert FX into FXa. Factor IX may also be activated by the Factor VII-Tissue Factor complex. The normal Factor IX concentration in human plasma is about 4-5 µg/mL

CoaChrom Diagnostica GmbH, Hauptstrasse 5, A-2344 Maria Enzersdorf, Austria | info@coachrom.com
www.coachrom.com | Tel: +43-1-2362221 or 0800-24 66 330 | Fax: +43-1-236 222111 or 0800-24 66 333