

BILIRUBIN ELEVATED SERUM (BIL CONTROL H)

CAT. NO. BE 454
SIZE: 10 x 3 ml

LOT NO. 103BE
EXPIRY: 2025-08-28

GTIN: 05055273200706

INTENDED USE

This product is intended for use in the quality control of Bilirubin assays on clinical chemistry analysers.

SERUM PREPARATION

Carefully reconstitute each vial of lyophilised serum with exactly **3 ml** of distilled water. Close the bottle and allow to stand for 30 minutes before use. Ensure contents are completely dissolved by swirling gently. Invert bottle to ensure that all traces of dry material are dissolved. Avoid the formation of foam by shaking.

STABILITY

Unopened: The lyophilised serum is stable until the expiry date, when stored at +2°C to +8°C.

Opened: Bilirubin in the serum is light sensitive, and it is therefore recommended that the serum is stored in the dark after reconstitution. Stored in the dark at +2°C to +8°C, it is stable for 5 days.

SAFETY

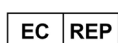
This material is entirely bovine in origin and contains no additives from human sources.

VALUE ASSIGNMENT

Due to the variation caused by test equipment, test reagents and laboratory technique, the quoted ranges are provided for guidance. It is recommended that these ranges are used until each laboratory has established its own ranges, based on individual laboratory requirements.

*** Please note that values for Direct Bilirubin Oxidation to Biliverdin / Vanadate are not currently available. This will be updated in due course.**

COMPONENT	TARGET VALUE	RANGE	METHOD
Direct Bilirubin	87.8 µmol/l 5.14 mg/dl	69.4 – 106 µmol/l 4.06 – 6.22 mg/dl	Diazo with Sulphanilic Acid
Direct Bilirubin	* TBD µmol/l * TBD mg/dl	* TBD µmol/l * TBD mg/dl	Oxidation to Biliverdin / Vanadate
Total Bilirubin	271 µmol/l 15.9 mg/dl	214 – 328 µmol/l 12.6 – 19.2 mg/dl	Diazo with Sulphanilic Acid
Total Bilirubin	270 µmol/l 15.8 mg/dl	213 – 327 µmol/l 12.5 – 19.1 mg/dl	Oxidation to Biliverdin / Vanadate



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