

BILIRUBIN ELEVATED SERUM (BIL CONTROL H)

CAT. NO. BE 454 **LOT NO.** 117BE
SIZE: 10 x 3 ml **EXPIRY:** 2027-07-28
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.

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Method		Bilirubin Elevated Serum (BIL CONTROL H)					
Lot. No: 117BE Cat. No: BE454 Expiry: 2027-07-28							
Size: 10 x 3 ml		Range					
Analyte	Unit	Target	Low	High	1SD	2SD	Method
Bilirubin Direct	mg/dl	4.96	3.92	6.00	0.520	1.04	Diazo With Sulphanilic Acid
	µmol/l	84.8	67.0	103	9.10	18.2	
	mg/dl	5.66	4.47	6.85	0.595	1.19	Oxidation to Biliverdin/Vanadate
	µmol/l	96.7	76.4	117	10.2	20.3	
Bilirubin Total	mg/dl	20.2	16.0	24.4	2.10	4.20	Diazo With Sulphanilic Acid
	µmol/l	345	273	417	36.0	72.0	
	mg/dl	21.2	16.7	25.7	2.25	4.50	Oxidation to Biliverdin/Vanadate
	µmol/l	362	286	438	38.0	76.0	