Apolipoproteins A1 & B Control

✓ ***REFERENCE***

APO A1 & B control	ABCON-002	1 x 2 ml	2-8°C
Human biological fluid containing apolipoproteins A1 and B standardized from a secondary reference materiel related to IFCC (SP1– 01 and SP3-07) and certified by the World Health Organization , sodium azide (< 1g/l)			
Lot #		18D17	
Expiry date		10/2019	
Control date		12/07/2018	
Quality control report #		DGM-QAC-REP-18048	
Document prepared and signed by		L. Ginneberge	

✓ ***SAMPLES AND REFERENCE VALUES***

See the corresponding reagents technical sheet.

✓ ***COMPOSITION***

The APO A1 & B control is a human biological fluid containing human apolipoproteins A1 & B at fixed values and sodium azide (<1g/l) as preservative.

✓ ***PRINCIPLE OF TEST***

The human APO A1 & B react upon a specific antibody for corresponding protein and the turbidity induced by the formation of immune complexes is recorded at appropriate wavelength. The turbidity measured is directly proportional to the APO A1 & B concentration of the control which can be used for the validation of the calibration curve and the stability during time of this curve in immunoturbidimetry.

✓ ***PRECAUTIONS***

For in vitro single diagnostic use. To be handled by entitled Personnel.
Products from human source were tested and found free from HBsAg and antibodies to HCV and HIV but this material should be treated just as carefully as potentially infective.
Products containing sodium azide have to be handled with care; avoid ingestion and contact with skin and mucous membranes. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

✓ ***ANALYTICAL PERFORMANCES***

See the corresponding reagents technical sheet.

✓ ***PREPARATION AND REAGENTS STABILITY***

The control is ready for use; once opened, it is stable until expiry date if stored stoppered in appropriate temperature conditions and without any contamination (avoid pipetting and decantation).

✓ ***METHOD OF ANALYSIS AND CALCULATION***

See the corresponding reagents technical sheet.

✓ ***QUALITY CONTROL***

Accuracy and reproducibility: analytical performances can be checked with the internal quality control serum of the laboratory or with the Liquichek™ (BIO-RAD) Control sera (see the values range obtained with DiAgam reagents and indicated on the accompanying BIO-RAD sheet).

✓ ***BIBLIOGRAPHY***

(1) Marcovina, S.M. et al. Standardization of Apolipoprotein B and A-I Measurements. Clin. Chem. 35/7, (1989) 1357-1361
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(4) Marcovina, S.M. et al. International Federation of Clinical Chemistry Standardization Project for Measurements of Apolipoproteins A-I and B. IV. Comparability of Apolipoprotein B values by use of international reference material. Clin. Chem. 40/4, (1994) 586-592
(5) Dati, F. and Tate J. Reference Materials for the Standardization of the Apolipoproteins A-I and B, and Lipoprotein(a). eJIFCC vol 13 no 3: http:// www.ifcc.org/ejifcc/vol13no3/130301003.htm

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	CONTROL	
	g/l	
	Target	**Range**
APO A1	**1.12**	**0.89 – 1.34**
APO B	**1.27**	**1.02 – 1.52**

Values assigned from a secondary reference materiel related to IFCC (SP1 - 01 and SP3 - 07).

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