

Multiparametric Liquid Calibrator

Human Based Liquid Calibration
Serum for Immunoturbidimetric or R.I.D. Determination
of Plasmaproteins

1 x 1 ml

REF RD20-01

FEATURES

Plasmaprotein Calibrator is used as reference serum to determine proteins with immunoturbidimetric methods or radial immunodiffusion plates. Calibrator is a pool of human sera. The corresponding values of every test are stated below and correspond to about three times the normal values.

REAGENTS

Kit components:

REF RD20-01

Multiparametric Liquid Calibrator

1 x 1 ml

Human serum.

STABILITY: stable at 2-8°C up to the expiration date on the label.

NOTE: human serum has been used to prepare the product. It has been obtained from apparently healthy donors who resulted negative to HIV/HTLV III and HBsAG antibodies. Since it is not possible to exclude the danger of HIV/HTLV III and HBsAG infection, it is advisable to handle the product with the same precautions required for handling human blood and its derivatives.

CONCENTRATIONS

Lot #: 23200

Expiration: 2024-08

PROTEIN	CONCENTRATION (mg/dl)
ALBUMIN	6290
α 1-ANTITRIPSIN	214
α 1-ACID GLICOPROTEIN	131
HAPTOGLOBIN	196
C3	238
C4	36
IgA	309
IgG	1639
IgM	114
α 2-MACROGLOBULIN	333
PREALBUMIN	40
TRANSFERRIN	429

PREPARATION OF THE CALIBRATION CURVE FOR IMMUNOTURBIDIMETRIC METHODS

Carry out the following series of dilutions (which is the same for both tests) to prepare the calibration curve for immunoturbidimetric kits. It creates proportionality between the 5 calibration points within the linear range.

SUGGESTED DILUTIONS

CALIBRATOR 5:

30 μ l plasmaprotein calibrator (**REF** RD20-01) + 0 μ l Reagent 3

CALIBRATOR 4:

70 μ l plasmaprotein calibrator (**REF** RD20-01) + 20 μ l Reagent 3

CALIBRATOR 3:

60 μ l calibrator 4 + 20 μ l Reagent 3

CALIBRATOR 2:

60 μ l calibrator 3 + 15 μ l Reagent 3

CALIBRATOR 1:

40 μ l calibrator 2 + 35 μ l Reagent 3

CORRESPONDING VALUES

The table shows protein values in the 5 calibrators after performing the above dilutions. Concentrations are expressed in mg/dl.

PROTEIN	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5
ALBUMIN	1565,5	2935,3	3669,2	4892,2	6290
α 1-ANTITRIPSIN	53,3	99,9	124,8	166,4	214
α 1-GLYCOPROTEIN	32,6	61,1	76,4	101,9	131
HAPTOGLOBIN	48,8	91,5	114,3	152,4	196
C3	59,2	111,1	138,8	185,1	238
C4	9,0	16,8	21,0	28,0	36
IgA	76,9	144,2	180,3	240,3	309
IgG	407,9	764,9	956,1	1274,8	1639
IgM	28,4	53,2	66,5	88,7	114
α 2-MACROGLOBULIN	82,9	155,4	194,3	259,0	333
PREALBUMIN	10,0	18,7	23,3	31,1	40
TRANSFERRIN	106,8	200,2	250,3	333,7	429

NOTES

To use the calibrator in immunoturbidimetric methods which require 1:20 diluted samples/calibrators, predilute 1:20 the supplied calibrator (for example: 5 μ l calibrator + 95 μ l Reagent 3 and use this as initial solution in the above series of dilutions in place of the plasmaprotein calibrator.

In this way the 5 calibrators will be ready for use without requiring dilution.

DISPOSAL

The product must be used for professional analysis only. The product must be disposed of according to national/international laws.

REFERENCE

Available upon request.

MANUFACTURER

FAR

Via Fermi, 12 - 37026 Pescantina - VERONA - ITALY








tel +39 045 6700870

website <http://www.farddiag.com>

e-mail: order@farddiag.com

e-mail: farddiag@farddiag.com

KEY SYMBOLS

	In Vitro diagnostic medical device
	batch number
	catalog number
	temperature limits
	use by
	caution
	consult accompanying documents