

Urine Assayed Control Level I

Urine Assayed Control - Level I




fortress
diagnostics

Global **Healthcare** Solutions



QUALITY MANAGEMENT SYSTEM
ISO 13485 CERTIFIED COMPANY

Urine Assayed Control

REF	BXC0661A	Level I	10x10ml	CE IVD	 2028/07	LOT	L1	661-01-034

 2°C - 8°C



Intended Use

This product is intended for *in vitro* diagnostic use in the quality control of urine on clinical chemistry systems. The Assayed Urine Controls is intended for use as an assayed quality control urine to monitor the precision of laboratory testing procedures for the analytes listed in this package insert.

Device Description

The Urine Controls are supplied at 2 levels, level 1 and 2. Guidance values are provided for parameters listed in this insert.

Safety Precautions And Warnings

For *in vitro* diagnostic use only. Do not pipette by mouth. Exercise the normal precautions required for handling laboratory reagents.

Human source material from which this product has been derived has been tested at donor level for the Human Immunodeficiency Virus (HIV 1, HIV 2) antibody, Hepatitis B Surface Antigen (HbsAg), and Hepatitis C Virus (HCV) antibody and found to be NON-REACTIVE. FDA approved methods have been used to conduct these tests. However, since no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious diseases and disposed of accordingly.

Health and Safety Data Sheets are available on request.

Storage And Stability

OPENED: Store refrigerated (2 to 8°C). Reconstituted urine is stable for 8 hours at +25 °C and 5 days at 2-8°C if kept capped in original container and free from contamination. Only the required amount of product should be removed. After use, any residual product should NOT BE RETURNED to the original vial.

PREPARATION AND STABILITY OF SAMPLES FOR

5-Hydroxyindole Acetic Acid (5-HIAA), Metanepherines, Vanillylmandelic Acid (VMA):

Hydroxyindole Acetic Acid (5-HIAA):

This analyte is also unstable in reconstituted urine samples. Acidify using 100 ul of glacial acetic acid per 10ml of reconstituted control. The stability will be extended to 30 days at 2-8°C, when stored tightly capped.

Metanepherines, Vanillylmandelic Acid (VMA):

For extending the stability of Metanephrines and VMA acidify with 80 ul of 6M HCl per 10ml of reconstituted control. Alternatively reconstitute the lyophilised control with 10ml of 0.05M HCl.

UNOPENED: Store refrigerated (2 to 8°C). Stable to expiration date printed on individual vials.

Preparation For Use:

The Assayed Urine Control is supplied lyophilised.

Carefully reconstitute each vial of lyophilised urine with exactly 10ml of distilled water at +20°C to 25°C. Close the bottle and allow to stand for 15 minutes before use. Ensure contents are completely dissolved by swirling gently. Avoid formation of foam. Do not shake.

Refer to the control section of the individual analyser application.

Refrigerate any unused material. Prior to reuse, mix contents thoroughly.

Materials Required But Not Provided:

Volumetric Pipette

Assigned Values:

Values provided are for guidance only. Individual laboratories have to work out their own means and ranges.

How to Order

To place an order please contact your local Fortress Diagnostics Distributor.

AUTHORISED

Meridian Healthcare srl

Via Caronda, 446 SC/A - 95129 Catania - Italy
Tel. +39 095 725 68 69 - Fax: +39 095 725 44 54
info@meridianhealthcare.it
www.meridianhealthcare.it



When Ordering: Please quote your:
Name
Address
Telephone Number
Fax number
Email Address
Purchase Order Number
Product Description
Catalogue Number
Quantity Required

Please contact us if you are unsure who your local Distributor is in your country:

Manufacturer: Fortress Diagnostics Limited,
Unit 2C, Antrim Technology Park,
Muckamore, Antrim,
N. Ireland, BT41 1QS,
United Kingdom

Ordering Details

CAT NO	LEVELS	PACK SIZE
BXC0661A	Urine Assayed Control (Level I)	10x10ml

Fortress Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
CALCIUM ARSENAZO	mg/dL	4.88	4.15	- 5.61
CHLORIDE	mEq/L	54.66	46.46	- 62.86
CREATININE	mg/dL	65.87	55.99	- 75.75
GLUCOSE OXIDASE	mg/dL	15.32	13.02	- 17.62
MAGNESIUM	mg/dL	3.77	3.20	- 4.34
POTASSIUM	mEq/L	18.67	15.87	- 21.47
SODIUM	mEq/L	62.36	53.01	- 71.71
URIC ACID	mg/dL	8.24	7.00	- 9.48
MICROALBUMIN	mg/dL	0.49	0.42	- 0.56
URINARY PROTEIN	mg/dl	25	21.25	- 28.75

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
3-METHOXYTYRAMINE				
Bio-Rad HPLC (195-6019 / 195-6068 / 195-6069) -5	ng/mL	56.80	38.90	– 74.60
Bio-Rad HPLC (195-5216) -5	mg/L	3.92	2.38	– 5.47
ALDOSTERONE				
DiaSorin LIAISON -310450 -5	µg/L	36.50	25.50	– 47.40
DiaSorin LIAISON XL -310450 -5	µg/L	29.80	20.90	– 38.70
Immunotech Beckman Coulter RIA (DSL8600) -5	µg/L	22.90	10.20	– 35.50
CALCIUM, TOTAL				
Abbott ARCHITECT cSystem (Arsenazo III) (3L79)	mg/dL	4.88	4.53	– 5.24
Abbott ARCHITECT cSystem (Arsenazo III) (7D61)	mg/dL	4.70	4.34	– 5.06
Arsenazo III -6	mg/dL	4.88	4.26	– 5.50
Beckman Coulter AU Systems (Arsenazo III)	mg/dL	4.81	4.28	– 5.33
Beckman Coulter Synchron / UniCel Dx C Series (ISE Indirect) (CALC)	mg/dL	4.73	4.18	– 5.29
ISE Indirect -6	mg/dL	4.82	4.29	– 5.35
O-Cresolphthalein Complexone -6	mg/dL	4.95	4.21	– 5.69
Ortho Vitros / Vitros 5,1 FS (Arsenazo III)	mg/dL	5.41	4.91	– 5.92
Roche / Hitachi Cobas c Systems (BAPTA)	mg/dL	4.82	4.29	– 5.35
Roche / Hitachi Cobas c Systems (o-cresolphthalein complexone)	mg/dL	4.98	4.33	– 5.63
Siemens ADVIA Chemistry Systems (CA, CA_c) (CPC)	mg/dL	4.50	3.65	– 5.35
Siemens ADVIA Chemistry Systems (CA_2, CA_2c) (Arsenazo III)	mg/dL	4.94	4.14	– 5.74
Siemens Dimension Series (o-cresolphthalein complexone)		5.17	<5.00	– 6.07
Siemens Dimension Vista Systems (o-cresolphthalein complexone)	mg/dL	5.14	<5.00	– 5.65
CHLORIDE				
Abbott ARCHITECT cSystem (ISE Indirect)	mEq/L	55.80	52.60	– 59.00
Beckman Coulter AU Systems (ISE Indirect)	mEq/L	57.60	53.90	– 61.40
Beckman Coulter Synchron / UniCel Dx C Series (ISE Indirect) (CL)	mEq/L	56.30	51.60	– 61.00
ISE Indirect -6	mEq/L	57.00	51.20	– 62.70
Roche / Hitachi Cobas c Systems (ISE Indirect)	mEq/L	47.40	41.70	– 53.20
Siemens ADVIA Chemistry Systems (CL) (ISE)	mEq/L	57.00	53.00	– 61.00
Siemens Dimension Vista Systems (ISE Indirect)	mEq/L	54.00	48.70	– 59.30

Assigned Values

ASSIGNED VALUES		Level I			
INSTRUMENTS / METHODS	Units	Target	Range		
CORTISOL					
Beckman Coulter UniCel Dxl (Chemiluminescence)	µg/dL	6.37	4.57	–	8.17
Roche Elecsys / E170 / Cobas e Systems -5	µg/dL	3.69	2.26	–	5.11
Siemens ADVIA Centaur CP Systems (COR)	µg/dL	5.33	2.24	–	8.41
Siemens ADVIA Centaur XP Systems (COR)	µg/dL	8.31	6.61	–	10.00
CREATININE					
Abbott ARCHITECT cSystem (Alkaline picrate kinetic IDMS-traceable) (3L81)	mg/dL	76.60	68.70	–	84.50
Alkaline picrate-kinetic (Jaffe Reaction) -6	mg/dL	78.10	62.30	–	93.90
Beckman Coulter AU Systems (Alkaline picrate-kinetic)	mg/dL	76.80	59.40	–	94.20
Beckman Coulter Synchron / UniCel Dx C Series (Alkaline Picrate-kinetic)	mg/dL	85.10	51.30	–	119.00
Enzymatic -6	mg/dL	82.50	64.50	–	101.00
Ortho Vitros / Vitros 5,1 FS (Enzymatic)	mg/dL	86.80	67.80	–	106.00
Roche Cobas Integra (Alkaline picrate-kinetic)	mg/dL	82.50	65.50	–	99.50
Roche Hitachi / Modular (Alkaline picrate-kinetic)	mg/dL	77.90	61.50	–	93.20
Roche / Hitachi Cobas c Systems (Alkaline picrate-kinetic)	mg/dL	79.40	63.00	–	95.70
Roche / Hitachi Cobas c Systems (Enzymatic)	mg/dL	82.50	64.50	–	101.00
Siemens ADVIA Chemistry Systems (CREA) (Jaffe)	mg/dL	72.20	60.80	–	83.50
Siemens ADVIA Chemistry Systems (ECRE_2, enzymatic) (Creatininase)	mg/dL	79.60	75.60	–	83.50
(Alkaline picrate-kinetic rate blanked, IFCC-IDMS Standardized) (CRE2)	mg/dL	77.90	67.30	–	88.50
Siemens Dimension Vista Systems					
(Alkaline picrate-kinetic rate blanked, IFCC-IDMS Standardized) (CRE2)	mg/dL	81.70	72.90	–	90.40
Siemens Dimension Vista Systems (Enzymatic)	mg/dL	79.50	66.50	–	92.50
DOPAMINE					
Bio-Rad HPLC Test (195-6071 / 195-6072) -5	ng/mL	87.10	71.30	–	103.00
Bio-Rad Reverse Phase HPLC (195-5390,195-5391) -5	ng/mL	87.10	71.30	–	103.00
EPINEPHRINE					
Bio-Rad HPLC (195-6071 / 195-6072) -5	ng/mL	12.90	7.41	–	18.40
Bio-Rad Reverse Phase HPLC (195-5390,195-5391) -5	ng/mL	11.80	6.31	–	17.30
GLUCOSE					
Beckman Coulter AU Systems (Hexokinase)	mg/dL	17.30	14.40	–	20.10
Beckman Coulter Synchron / UniCel Dx C Series (Glucose Oxidase)	mg/dL	16.30	10.70	–	21.90
Glucose Oxidase -6	mg/dL	16.80	11.50	–	22.20
Hexokinase -6	mg/dL	18.90	16.30	–	21.50

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
GLUCOSE (Continued)				
Roche Cobas Integra (Hexokinase)	mg/dL	18.10	15.40	– 20.80
Roche Hitachi / Modular (Hexokinase)	mg/dL	16.90	13.90	– 19.80
Roche / Hitachi Cobas c Systems (Hexokinase)	mg/dL	18.90	16.30	– 21.40
Siemens ADVIA Chemistry Systems (GLUH) (Hexokinase)	mg/dL	16.90	13.90	– 19.80
Siemens ADVIA Chemistry Systems (GLUO) (Gluc Oxidase Trinder)	mg/dL	17.30	11.70	– 22.90
Siemens Dimension Series (Hexokinase)	mg/dL	23.30	18.40	– 28.20
Siemens Dimension Vista Systems (Hexokinase)	mg/dL	18.10	15.40	– 20.80
HOMOVANILLIC ACID				
Bio-Rad HPLC (195-5210) -5	mg/L	1.69	0.99	– 2.38
MAGNESIUM				
Abbott ARCHITECT cSystem (Arsenazo I)	mg/dL	2.97	2.04	– 5.01
Beckman Coulter AU Systems (Xylidyl blue)	mg/dL	3.96	2.96	– 4.95
Beckman Coulter Synchron / UniCel DxC Series (Calmagite) (MG)	mg/dL	3.83	2.85	– 4.80
Calmagite -6	mg/dL	3.85	2.89	– 4.80
Ortho Vitros / Vitros 5,1 FS (Formazan dye)	mg/dL	4.46	3.44	– 5.47
Roche Cobas Integra (Chlorophosphonazo III)	mg/dL	3.65	2.43	– 4.87
Roche / Hitachi Cobas c Systems (Chlorophosphonazo III)	mg/dL	4.34	2.92	– 5.77
Roche / Hitachi Cobas c Systems (Xylidyl blue) (MG2)	mg/dL	4.26	3.25	– 5.28
Siemens ADVIA Chemistry Systems (MG, MG_c) (Xylidyl blue)	mg/dL	4.40	3.09	– 5.71
Siemens Dimension Series (Methylthymol blue)	mg/dL	3.88	3.23	– 4.53
Siemens Dimension Vista Systems (Methylthymol blue)	mg/dL	4.16	3.52	– 4.80
Xylidyl blue -6	mg/dL	4.21	3.18	– 5.24
METANEPHRINE				
Bio-Rad HPLC (195-6019 / 195-6068 / 195-6069) -5	ng/mL	91.70	53.20	– 130.00
MICROALBUMIN				
Abbott ARCHITECT cSystem (Immunoturbidimetric)	mg/dL	1.62	0.90	– 2.34
Beckman Coulter Synchron / UniCel DxC Series (Immunoturbidimetric)	mg/dL	3.33	2.54	– 4.13
Ortho Vitros / Vitros 5,1 FS (Immunoturbidimetric)	mg/dL	0.83	<0.60	– 1.32
Roche / Hitachi Cobas c Systems (Immunoturbidimetric) (Tina-quant)	mg/dL	1.51	0.81	– 2.20

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
MICROALBUMIN (Continued)				
Siemens BN Series Nephelometers (Immunonephelometric)	mg/dL	5.17	3.86	– 6.48
Siemens Dimension Series (Immunoturbidimetric)	mg/dL	0.61	<0.13	– 1.09
Siemens Dimension Vista Systems (Immunonephelometric)	mg/dL	8.96	4.79	– 13.10
NOREPINEPHRINE				
Bio-Rad HPLC (195-6071 / 195-6072) -5	ng/mL	44.60	37.60	– 51.50
Bio-Rad Reverse Phase HPLC (195-5390,195-5391) -5	ng/mL	44.00	30.00	– 50.00
NORMETANEPHRINE				
Bio-Rad HPLC (195-6019 / 195-6068 / 195-6069) -5	ng/mL	338.00	244.00	– 433.00
OSMOLALITY				
Freezing Point Depression	mOSM/kg	328.00	306.00	– 351.00
PHOSPHORUS				
Abbott ARCHITECT cSystem (Phosphomolybdate-UV)	mg/dL	36.20	32.80	– 39.60
Beckman Coulter AU Systems (Phosphomolybdate-UV)	mg/dL	36.80	31.50	– 42.00
Beckman Coulter Synchron / UniCel DxC Series (Phosphomolybdate-UV)	mg/dL	39.80	35.00	– 44.60
Ortho Vitros / Vitros 5,1 FS (Phosphomolybdate reduction)	mg/dL	45.60	40.70	– 50.50
Phosphomolybdate-UV -6	mg/dL	37.60	33.20	– 41.90
Roche Hitachi / Modular (Phosphomolybdate-UV)	mg/dL	33.70	28.50	– 39.00
Roche / Hitachi Cobas c Systems (Phosphomolybdate-UV)	mg/dL	40.30	36.00	– 44.60
Siemens ADVIA Chemistry Systems (IP, IP_c) (Phosphomolybdate-UV)	mg/dL	38.00	32.50	– 43.50
Siemens Dimension Series (DF61A)	mg/dL	39.20	32.20	– 46.20
Siemens Dimension Vista Systems (Phosphomolybdate-UV)	mg/dL	36.60	31.80	– 41.30
PORPHYRINS, TOTAL				
Bio-Rad Column Test (187-5001)	µg/L	None	Detected	
POTASSIUM				
Abbott ARCHITECT cSystem (ISE Indirect)	mEq/L	19.40	18.50	– 20.30
Beckman Coulter AU Systems (ISE Indirect)	mEq/L	19.90	18.50	– 21.20
Beckman Coulter Synchron / UniCel DxC Series (ISE Indirect)	mEq/L	19.40	18.20	– 20.60
ISE Indirect -6	mEq/L	19.00	17.50	– 20.50
Roche Cobas Integra (ISE Indirect)	mEq/L	21.20	18.10	– 24.40
Roche Hitachi / Modular (ISE Indirect)	mEq/L	20.60	18.80	– 22.30
Roche / Hitachi Cobas c Systems (ISE Indirect)	mEq/L	19.50	18.20	– 20.80
Siemens ADVIA Chemistry Systems (K) (ISE)	mEq/L	19.30	17.90	– 20.70
Siemens Dimension Series (ISE Indirect)	mEq/L	20.30	18.30	– 22.30
Siemens Dimension Vista Systems (ISE Indirect)	mEq/L	16.40	14.20	– 18.50

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
PROTEIN (TOTAL)				
Abbott ARCHITECT cSystem (Benzethonium Chloride)	mg/dL	25.90	20.50	– 31.40
Beckman Coulter AU Systems (Pyrogallol Red) (OSR 6170)	mg/dL	23.90	19.40	– 28.40
Beckman Coulter Synchron / UniCel DxC Series (Pyrogallol Red)	mg/dL	20.30	15.90	– 24.70
Benzethonium Chloride -6	mg/dL	24.50	20.00	– 29.00
Pyrogallol Red -6	mg/dL	23.80	18.80	– 28.80
Roche Cobas Integra TPUC3 (Benzethonium Chloride)	mg/dL	21.90	12.90	– 31.00
Roche / Hitachi Cobas c Systems (Benzethonium Chloride)	mg/dL	26.00	21.50	– 30.50
Siemens Dimension Series (Pyrogallol Red)	mg/dL	25.30	20.10	– 30.60
Siemens Dimension Vista Systems (Pyrogallol Red)	mg/dL	25.60	20.70	– 30.40
SODIUM				
Abbott ARCHITECT cSystem (ISE Indirect)	mEq/L	60.80	57.50	– 64.20
Beckman Coulter AU Systems (ISE Indirect)	mEq/L	60.80	57.10	– 64.60
Beckman Coulter Synchron / UniCel DxC Series (ISE Indirect)	mEq/L	62.00	56.30	– 67.70
ISE Indirect -6	mEq/L	60.40	55.50	– 65.40
Roche Cobas Integra (ISE Indirect)	mEq/L	60.50	55.60	– 65.50
Roche Hitachi / Modular (ISE Indirect)	mEq/L	60.20	53.70	– 66.60
Roche / Hitachi Cobas c Systems (ISE Indirect)	mEq/L	62.10	56.40	– 67.80
Siemens ADVIA Chemistry Systems (NA) (ISE)	mEq/L	59.10	55.80	– 62.40
Siemens Dimension Series (ISE Indirect)	mEq/L	61.80	56.40	– 67.10
Siemens Dimension Vista Systems (ISE Indirect)	mEq/L	56.80	48.90	– 64.70
SPECIFIC GRAVITY				
Refractometer		1.008	1.006	– 1.011
UREA -7				
Abbott ARCHITECT cSystem (Urease, UV)	mg/dL	860.00	788.00	– 931.00
Beckman Coulter AU Systems (Urease, UV)	mg/dL	875.00	783.00	– 969.00

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
UREA -7 (Continued)				
Beckman Coulter Synchron / UniCel DxC Series (BUN) (Urease, UV)	mg/dL	927.00	833.00	– 1021.00
Ortho Vitros / Vitros 5,1 FS (Urease, colorimetric)	mg/dL	1036.00	888.00	– 1183.00
Roche Cobas Integra (Urease, UV)	mg/dL	895.00	781.00	– 1006.00
Roche Hitachi / Modular (Urease, UV)	mg/dL	873.00	768.00	– 978.00
Roche / Hitachi Cobas c Systems (Urease, UV)	mg/dL	895.00	781.00	– 1006.00
Siemens ADVIA Chemistry Systems (UN, UN_c) (Urease / GLDH)	mg/dL	895.00	717.00	– 1072.00
Siemens Dimension Series (Urease, UV)	mg/dL	949.00	763.00	– 1135.00
Siemens Dimension Vista (Urease, UV)	mg/dL	873.00	768.00	– 978.00
Urease, GLDH -6	mg/dL	823.00	745.00	– 901.00
Urease, UV -6	mg/dL	852.00	755.00	– 948.00
UREA NITROGEN (BUN)				
Abbott ARCHITECT cSystem (Urease, UV)	mg/dL	402.00	358.00	– 445.00
Beckman Coulter AU Systems (Urease, UV)	mg/dL	409.00	366.00	– 453.00
Beckman Coulter Synchron / UniCel DxC Series (BUN) (Urease, UV)	mg/dL	433.00	389.00	– 477.00
Ortho Vitros / Vitros 5,1 FS (Urease, colorimetric)	mg/dL	484.00	415.00	– 553.00
Roche Cobas Integra (Urease, UV)	mg/dL	418.00	365.00	– 470.00
Roche Hitachi / Modular (Urease, UV)	mg/dL	409.00	366.00	– 453.00
Roche / Hitachi Cobas c Systems (Urease, UV)	mg/dL	418.00	365.00	– 470.00
Siemens ADVIA Chemistry Systems (UN, UN_c) (Urease / GLDH)	mg/dL	418.00	335.00	– 501.00
Siemens Dimension Series (Urease, UV)	mg/dL	460.00	411.00	– 509.00
Siemens Dimension Vista Systems (Urease, UV)	mg/dL	408.00	359.00	– 457.00
Urease, GLDH -6	mg/dL	393.00	341.00	– 445.00
Urease, UV -6	mg/dL	398.00	346.00	– 449.00
URIC ACID				
Abbott ARCHITECT cSystem (Uricase, colorimetric)	mg/dL	9.33	8.12	– 10.50
Beckman Coulter AU Systems (Uricase, colorimetric)	mg/dL	9.28	8.10	– 10.50
Beckman Coulter Synchron / UniCel DxC Series (Uricase, colorimetric)	mg/dL	10.40	7.59	– 13.10
Ortho Vitros / Vitros 5,1 FS (Uricase, colorimetric)	mg/dL	12.60	10.70	– 14.60
Roche Cobas Integra (Uricase, colorimetric)	mg/dL	8.36	6.74	– 9.98
Roche Hitachi / Modular (Uricase, colorimetric)	mg/dL	8.69	7.77	– 9.62
Roche / Hitachi Cobas c Systems (Uricase, colorimetric)	mg/dL	8.09	7.24	– 8.94
Siemens ADVIA Chemistry Systems (UA_c) (Uricase / Peroxidase)	mg/dL	8.17	6.54	– 9.81
Siemens Dimension Series (Uricase, UV)	mg/dL	10.60	8.87	– 12.30
Siemens Dimension Vista Systems (Uricase, UV)	mg/dL	9.27	7.44	– 11.10
Uricase, colorimetric -6	mg/dL	9.46	8.21	– 10.70
Uricase, UV -6	mg/dL	11.00	8.00	– 14.00
VANILLYLMANDELIC ACID (VMA)				
Bio-Rad HPLC (195-5001 / 195-5003 / 195-5004) -5	mg/L	2.74	1.89	– 3.58

Assigned Values

ASSIGNED VALUES		Level I		
INSTRUMENTS / METHODS	Units	Target	Range	
3-METHOXYTYRAMINE				
Bio-Rad Reverse Phase HPLC (195-5411 / 195-5412) -5	ng/mL	56.90	42.60	– 71.10
5-AMINOLEVULINIC ACID				
Bio-Rad Column Test (187-1002) -5	mg/L	2.60	2.00	– 3.20
5-HYDROXY-INDOLEACETIC ACID (5-HIAA)				
Bio-Rad Reverse Phase HPLC (195-4129 / 195-4135) -5	mg/L	3.07	2.31	– 3.84
ALDOSTERONE				
Immunotech Beckman Coulter RIA (IM1664) -5	µg/L	35.20	22.30	– 48.00
CORTISOL				
DiaSorin LIAISON (BYK Sangtec) -5	µg/dL	3.11	2.43	– 3.80
DiaSorin LIAISON XL -5	µg/dL	2.36	1.75	– 2.97
Immunotech Beckman Coulter RIA -5	µg/dL	2.10	1.22	– 2.97
HOMOVANILLIC ACID				
Bio-Rad Reverse Phase HPLC (195-4129 / 195-4135) -5	mg/L	1.89	1.33	– 2.46
HYDROXYPROLINE, TOTAL				
Bio-Rad HPLC (195-9501)	mg/L	13.10	9.83	– 16.40
MAGNESIUM				
Abbott ARCHITECT cSystem (Enzymatic) (3P68)	mg/dL	4.12	3.61	– 4.63
METANEPHRINE				
Bio-Rad Reverse Phase HPLC (195-5411 / 195-5412) -5	ng/mL	118.00	88.80	– 148.00
NORMETANEPHRINE				
Bio-Rad Reverse Phase HPLC (195-5411 / 195-5412) -5	ng/mL	333.00	250.00	– 417.00
VANILLYLMADELIC ACID (VMA)				
Bio-Rad Reverse Phase HPLC (195-4129 / 195-4135) -5	mg/L	2.77	1.94	– 3.60

Fortress Diagnostics Limited
Unit 2C Antrim Technology Park
Belfast Road Antrim, BT41 1QS
Northern Ireland
United Kingdom

Authorized Distributor:

Meridian Healthcare®
medical diagnostics and equipment

Get In Touch



fortress
diagnostics 

Global Healthcare Solutions

Seraqual External Quality Assessment Scheme



QUALITY MANAGEMENT SYSTEM
ISO 13485 CERTIFIED COMPANY



Phone: +39 (095) 725 68 69 | Website: www.meridianhealthcare.it