

# RIA

External Control Material (Serum)

**IVD** Bio-Rad Lyphochek® Immunoassay Plus C

 USA, Bio-Rad Laborator

Update 14.02.2025

IBL Product	Kit Catalog-No.	Bio-Rad Catalog-No.	Bio-Rad Lot	Expiry date	Dilution	Unit	Level 1			Level 2			Level 3	
							Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit	Mean	Lower limit
<b>17-OH-Progesterone RIA (CT)</b>	MG12181	370 / 370X	40420	2025-03-31	-	ng/mL	0.85	0.63	1.07	2.4	1.9	2.8	4.8	3.6
			40430	2025-10-31	-	ng/mL	0.88	0.63	1.12	2.2	1.9	2.6	4.8	4.2
			40440	2026-02-28	-	ng/mL	0.70	0.41	0.99	2.5	1.8	3.2	5.2	3.9
			40450	2026-08-31	-	ng/mL	0.72	0.51	0.94	2.6	1.8	3.4	4.8	3.4
			40460	2027-05-31	-	ng/mL	0.92	0.71	1.13	2.4	1.9	3.0	5.0	3.6
<b>Androstenedione RIA (CT)</b>	MG11091	370 / 370X	40420	2025-03-31	-	ng/mL	0.77	0.54	1.00	2.4	1.7	3.2	5.1	3.9
			40430	2025-10-31	-	ng/mL	0.92	0.64	1.19	2.8	1.9	3.6	5.1	3.6
			40440	2026-02-28	-	ng/mL	0.86	0.62	1.09	2.5	1.9	3.1	5.1	3.5
			40450	2026-08-31	-	ng/mL	0.90	0.77	1.02	2.7	2.1	3.2	5.1	3.5
<b>Cortisol RIA (CT)</b>	MG12061	370 / 370X	40420	2025-03-31	-	µg/dL	3.96	2.77	5.15	16.6	15.1	18.1	25.7	21.4
			40430	2025-10-31	-	µg/dL	3.40	2.38	4.42	17.7	12.5	23.0	25.9	18.4
			40440	2026-02-28	-	µg/dL	3.55	2.08	5.02	17.3	11.3	23.2	27.8	18.7
			40450	2026-08-31	-	µg/dL	3.87	2.71	5.03	17.3	12.1	22.5	25.5	18.9
			40460	2027-05-31	-	µg/dL	3.40	2.39	4.41	16.7	10.7	22.6	23.5	16.0
<b>TSH IRMA (CT)</b>	MG12191	370 / 370X	40420	2025-03-31	-	µIU/mL	0.53	0.42	0.63	6.04	5.47	6.61	39.4	34.6
			40430	2025-10-31	-	µIU/mL	0.56	0.44	0.69	6.60	5.59	7.61	37.1	30.7
			40440	2026-02-28	-	µIU/mL	0.59	0.44	0.74	5.61	5.08	6.14	37.3	33.7
			40450	2026-08-31	-	µIU/mL	0.54	0.38	0.70	6.08	4.25	7.90	37.6	33.5
			40460	2027-05-31	-	µIU/mL	0.56	0.37	0.75	6.34	5.37	7.32	37.7	33.1

Control  
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Upper limit
6.0
5.4
6.5
6.3
6.4
6.3
6.7
6.8
6.6
30.1
33.5
36.8
32.0
31.1
44.2
43.7
40.8
41.7
42.4