



COLLEGE of AMERICAN
PATHOLOGISTS

325 Waukegan Road, Northfield, Illinois 60093-2750
800-323-4040 • cap.org

ORIGINAL EVALUATION

K-C 2023 Ligand-General

INSTITUTION: LKF Laboratorium fur Klinische Forschung GmbH
Schwentinental GE 24223

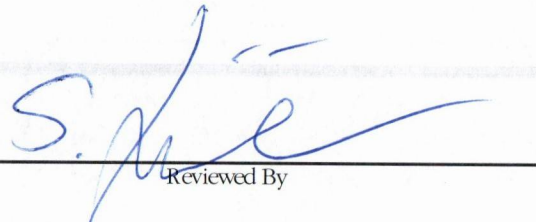
ATTENTION: Volker El-Samalouti PhD

CAP NUMBER: 7234136-01 **Kit#** 1

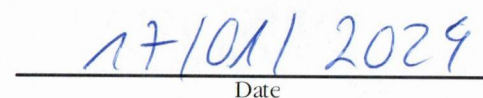
KIT INFORMATION:	Kit ID:	Kit Mailed:	Original Evaluation:	Next Mailing Date:
	36425947	11/6/2023	12/13/2023	4/2/2024

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LEGEND: Exception Reason Codes appearing in this evaluation:
<NONE>



Reviewed By



Date

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City / State: Schwentimental GE 24223

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Kit Mailed: 11/6/2023

Original Evaluation: 12/13/2023

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Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+ 100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Cortisol, serum ug/dL ROCHE e600 SER/E170	K-11	10.7	11.32	0.39	199	-1.6	8.4	14.2	Acceptable	
	K-12	7.9	8.67	0.34	200	-2.3	6.5	10.9	Acceptable	
	K-13	18.7	19.44	1.05	200	-0.7	14.5	24.3	Acceptable	
	K-14	19.4	20.13	0.83	199	-0.9	15.0	25.2	Acceptable	
	K-15	27.4	29.05	1.36	199	-1.2	21.7	36.4	Acceptable	
Ferritin ng/mL (ug/L) ROCHE e600 SER/E170	K-11	80	82.9	3.1	280	-0.9	73	93	Acceptable	
	K-12	28	28.8	1.2	281	-0.7	25	33	Acceptable	
	K-13	239	240.9	8.7	277	-0.2	214	268	Acceptable	
	K-14	280	284.2	9.8	278	-0.4	254	314	Acceptable	
	K-15	409	418.7	15.1	276	-0.6	373	465	Acceptable	
Folate, serum ng/mL ROCHE e600 SER/E170	K-11	5.5	5.07	0.46	263	+0.9	3.6	6.5	Acceptable	
	K-12	3.5	3.18	0.38	268	+0.8	2.0	4.4	Acceptable	
	K-13	13.3	11.66	0.92	265	+1.8	8.9	14.5	Acceptable	
	K-14	14.8	12.59	0.94	268	+2.4	9.7	15.5	Acceptable	
	K-15	19.8	18.82	1.03	181	+1.0	15.7	22.0	Acceptable	
hCG, serum, quant mIU/mL (IU/L) ROCHE e600 SER/E170 BE	K-11	262.6	258.22	9.16	202	+0.5	230.7	285.8	Acceptable	
	K-12	4.7	4.35	0.86	197	+0.4	1.7	7.0	Acceptable	
	K-13	1097.0	1042.49	37.79	202	+1.4	929.1	1155.9	Acceptable	
	K-14	1349.0	1310.66	44.22	200	+0.9	1178.0	1443.4	Acceptable	
	K-15	1991.0	1974.09	63.92	198	+0.3	1782.3	2165.9	Acceptable	

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Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Immunoglobulin E IU/mL (kIU/L) ROCHE e600 SER/E170	K-11	90	93.5	3.9	51	-0.9	81	106	Acceptable	
	K-12	64	67.0	2.8	51	-1.1	58	76	Acceptable	
	K-13	166	173.5	6.9	51	-1.1	152	195	Acceptable	
	K-14	169	175.2	7.3	51	-0.9	153	197	Acceptable	
	K-15	256	267.3	12.7	51	-0.9	229	306	Acceptable	
Triiodothyronine (T3) ng/dL ROCHE e600 SER/E170	K-11	199.0	202.23	5.63	114	-0.6	185.3	219.2	Acceptable	
	K-12	173.0	176.77	4.91	114	-0.8	162.0	191.6	Acceptable	
	K-13	273.0	278.98	8.28	115	-0.7	254.1	303.9	Acceptable	
	K-14	284.0	289.42	8.59	115	-0.6	263.6	315.2	Acceptable	
	K-15	367.0	365.54	11.00	114	+0.1	332.5	398.6	Acceptable	
T3, Free pg/mL ROCHE e600 SER/E170	K-11	8.0	7.21	0.24	174	+3.4	6.4	8.0	Acceptable	
	K-12	6.8	6.17	0.22	175	+2.9	5.5	6.9	Acceptable	
	K-13	11.9	10.46	0.30	172	+4.7	9.5	11.4	Unacceptable	
	K-14	15.0	12.47	0.38	173	+6.7	11.3	13.7	Unacceptable	
	K-15	17.4	14.03	0.37	173	+9.0	12.9	15.2	Unacceptable	
Thyroxine (T4) ug/dL ROCHE e600 SER/E170	K-11	6.4	6.44	0.23	123	-0.2	5.1	7.8	Acceptable	
	K-12	6.0	5.77	0.19	123	+1.2	4.6	7.0	Acceptable	
	K-13	8.5	8.48	0.30	124	+0.1	6.7	10.2	Acceptable	
	K-14	8.1	7.88	0.28	124	+0.8	6.3	9.5	Acceptable	
	K-15	11.1	10.86	0.38	122	+0.6	8.6	13.1	Acceptable	

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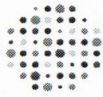
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Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Thyroxine (T4), Free ng/dL ROCHE e600 SER/E170	K-11	1.7	1.60	0.08	298	+1.3	1.3	1.9	Acceptable	
	K-12	1.6	1.47	0.07	299	+1.9	1.2	1.7	Acceptable	
	K-13	2.1	2.01	0.09	299	+1.1	1.7	2.3	Acceptable	
	K-14	2.8	2.63	0.11	297	+1.5	2.2	3.0	Acceptable	
	K-15	2.6	2.43	0.10	299	+1.7	2.1	2.8	Acceptable	
Thyroid Stim Hormone uIU/mL (mIU/L) ROCHE e600 SER/E170	K-11	3.59	3.666	0.104	314	-0.7	3.35	3.98	Acceptable	
	K-12	1.23	1.233	0.035	313	-0.1	1.12	1.34	Acceptable	
	K-13	10.96	10.810	0.314	311	+0.5	9.86	11.76	Acceptable	
	K-14	12.48	12.653	0.363	313	-0.5	11.56	13.75	Acceptable	
	K-15	18.60	18.761	0.589	313	-0.3	16.99	20.53	Acceptable	
Vitamin B-12 pg/mL ROCHE e600 SER/E170	K-11	417	442.8	19.2	321	-1.3	385	501	Acceptable	
	K-12	405	408.8	16.8	320	-0.2	358	460	Acceptable	
	K-13	495	545.2	21.8	322	-2.3	479	611	Acceptable	
	K-14	381	401.2	18.0	323	-1.1	347	456	Acceptable	
	K-15	644	666.2	23.8	320	-0.9	594	738	Acceptable	

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Subspecialty: General Immunology

Regulated Analyte	Proficiency Event 2023 1			Proficiency Event 2023 2			Proficiency Event 2023 3			Current Event Performance Interpretation	Cumulative CLIA '88 Performance Interpretation
	Test Event	Score	%	Test Event	Score	%	Test Event	Score	%		
Alpha-1-Antitrypsin										Pending	
Anti-HIV	VM-A	5/5	100	VM-B	5/5	100	VM-C	5/5 [^]	100	Satisfactory	Successful
Complement C3										Pending	
Complement C4										Pending	
Hepatitis (Anti-HBc)	VM-A	5/5	100	VM-B	5/5	100	VM-C	5/5 [^]	100	Satisfactory	Successful
Hepatitis (HBsAg)	VM-A	5/5	100	VM-B	5/5	100	VM-C	5/5 [^]	100	Satisfactory	Successful
IgA				S-B	5/5	100				Pending	Pending <4>
IgE	K-A	5/5	100	K-B	5/5	100				Pending	Successful <4>
IgG				S-B	5/5	100				Pending	Pending <4>
IgM				S-B	5/5	100				Pending	Pending <4>
General Immunology		20/20	100					15/15	100	Satisfactory	Successful

<4> Scorecard performance pending future evaluation or may not be applicable due to discontinued testing or use of a waived method.

<^> This score is taken from another kit.

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Subspecialty: Endocrinology

Regulated Analyte	Proficiency Event 2023 1			Proficiency Event 2023 2			Proficiency Event 2023 3			Current Event Performance Interpretation	Cumulative CLIA '88 Performance Interpretation
	Test Event	Score	%	Test Event	Score	%	Test Event	Score	%		
Cortisol	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
Thyroxine, Free (T ₄ , Free)	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
hCG	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
Triiodothyronine (T ₃)	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
TSH	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
Thyroxine (T ₄ , Total)	K-A	5/5	100	K-B	5/5	100	K-C	5/5	100	Satisfactory	Successful
Endocrinology		30/30	100		30/30	100		30/30	100	Satisfactory	Successful

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