



**COLLEGE of AMERICAN
PATHOLOGISTS**

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

ORIGINAL EVALUATION

K-B 2023 Ligand-General

INSTITUTION: LKF Laboratorium fur Klinische Forschung GmbH

Schwentinental GE 24223

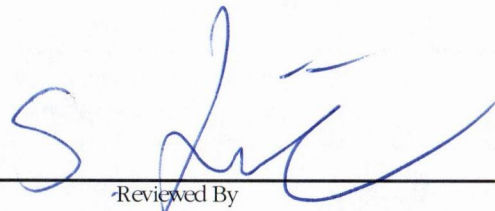
ATTENTION: Volker El-Samalouti PhD

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

KIT INFORMATION:	Kit ID:	Kit Mailed:	Original Evaluation:	Next Mailing Date:
	36425829	7/17/2023	8/22/2023	11/6/2023

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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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Original Evaluation: 8/22/2023

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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 c600 SER/E170	K-06	3.9	4.25	0.14	216	-2.4	3.1	5.4	Acceptable	
	K-07	8.5	8.82	0.29	218	-1.1	6.6	11.1	Acceptable	
	K-08	30.2	30.92	1.40	217	-0.5	23.1	38.7	Acceptable	
	K-09	28.8	28.55	1.18	216	+0.2	21.4	35.7	Acceptable	
	K-10	25.9	25.47	0.99	214	+0.4	19.1	31.9	Acceptable	
Ferritin ng/mL (ug/L) ROCHE c600 SER/E170	K-06	10	10.2	0.6	295	-0.3	8	12	Acceptable	
	K-07	27	28.3	1.2	298	-1.1	24	32	Acceptable	
	K-08	436	443.2	16.5	298	-0.4	393	493	Acceptable	
	K-09	395	413.8	16.2	298	-1.2	365	463	Acceptable	
	K-10	334	341.4	12.8	297	-0.6	303	380	Acceptable	
Folate, serum ng/mL ROCHE c600 SER/E170	K-06	1.6	1.73	0.38	93	-0.3	0.5	2.9	Acceptable	<p>x: Result is outside the acceptable limits</p>
	K-07	4.0	3.76	0.34	287	+0.7	2.7	4.8	Acceptable	
	K-08	12.1	19.97	1.07	113	-7.4	16.7	23.2	Unacceptable	
	K-09	12.0	19.08	0.99	187	-7.1	16.1	22.1	Unacceptable	
	K-10	18.9	17.31	1.14	285	+1.4	13.8	20.8	Acceptable	
hCG, serum, quant mIU/mL (IU/L) ROCHE c600 SER/E170 BE	K-06	12.9	13.74	0.60	216	-1.4	11.9	15.6	Acceptable	
	K-07	3.3	3.57	0.26	209	-1.0	2.7	4.4	Acceptable	
	K-08	1979.0	2083.38	85.27	214	-1.2	1827.5	2339.3	Acceptable	
	K-09	1809.0	1948.27	79.25	212	-1.8	1710.5	2186.1	Acceptable	
	K-10	1481.0	1557.09	60.12	213	-1.3	1376.7	1737.5	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Lower	Upper	Your Grade	
Immunoglobulin E IU/mL (kIU/L) ROCHE e600 SER/E170	K-06	18	18.6	0.8	57	-0.8	16	22	Acceptable	K-B 2023 K-A 2023 -100 -80 -60 -40 -20 0 20 40 60 80 100
	K-07	65	67.7	2.6	56	-1.0	59	76	Acceptable	
	K-08	274	282.2	9.1	55	-0.9	254	310	Acceptable	
	K-09	249	255.1	8.9	55	-0.7	228	282	Acceptable	
	K-10	222	228.8	9.8	57	-0.7	199	259	Acceptable	
Triiodothyronine (T3) ng/dL ROCHE e600 SER/E170	K-06	144.0	139.64	4.82	125	+0.9	125.1	154.1	Acceptable	K-B 2023 K-A 2023 K-C 2022 -100 -80 -60 -40 -20 0 20 40 60 80 100
	K-07	178.0	175.75	5.82	126	+0.4	158.2	193.3	Acceptable	
	K-08	386.0	372.69	12.45	126	+1.1	335.3	410.1	Acceptable	
	K-09	357.0	353.36	12.26	124	+0.3	316.5	390.2	Acceptable	
	K-10	332.0	326.17	10.75	126	+0.5	293.9	358.5	Acceptable	
T3, Free pg/mL ROCHE e600 SER/E170	K-06	5.5	5.53	0.21	185	-0.1	4.8	6.2	Acceptable	K-B 2023 K-A 2023 K-C 2022 -100 -80 -60 -40 -20 0 20 40 60 80 100
	K-07	6.4	6.17	0.20	184	+1.1	5.5	6.8	Acceptable	
	K-08	15.0	14.49	0.42	186	+1.2	13.2	15.8	Acceptable	
	K-09	14.8	14.69	0.42	183	+0.2	13.4	16.0	Acceptable	
	K-10	12.9	12.54	0.38	183	+0.9	11.3	13.7	Acceptable	
Thyroxine (T4) ug/dL ROCHE e600 SER/E170	K-06	3.0	3.19	0.15	139	-1.3	2.1	4.2	Acceptable	K-B 2023 K-A 2023 K-C 2022 -100 -80 -60 -40 -20 0 20 40 60 80 100
	K-07	5.7	5.79	0.23	136	-0.4	4.6	7.0	Acceptable	
	K-08	11.4	11.14	0.42	138	+0.6	8.9	13.4	Acceptable	
	K-09	10.0	10.17	0.41	138	-0.4	8.1	12.3	Acceptable	
	K-10	9.4	9.84	0.37	136	-1.2	7.8	11.9	Acceptable	

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	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 c600 SER/E170	K-06	2.8	2.84	0.14	321	-0.3	2.4	3.3	Acceptable	
	K-07	1.5	1.49	0.07	319	+0.2	1.2	1.7	Acceptable	
	K-08	2.5	2.49	0.10	321	+0.1	2.1	2.8	Acceptable	
	K-09	2.7	2.68	0.12	319	+0.2	2.3	3.1	Acceptable	
	K-10	2.3	2.27	0.09	316	+0.3	2.0	2.6	Acceptable	
Thyroid Stim Hormone uIU/mL (mIU/L) ROCHE c600 SER/E170	K-06	0.06	0.068	0.004	326	-2.0	-0.05	0.09	Acceptable	
	K-07	1.22	1.243	0.036	336	-0.6	1.13	1.36	Acceptable	
	K-08	19.57	20.128	0.562	331	-1.0	18.44	21.82	Acceptable	
	K-09	18.34	18.813	0.515	329	-0.9	17.26	20.36	Acceptable	
	K-10	15.01	15.605	0.455	332	-1.3	14.23	16.98	Acceptable	
Vitamin B-12 pg/mL ROCHE c600 SER/E170	K-06	98	95.9	44.4	121	0.0	0	229	Acceptable	
	K-07	449	412.9	16.6	341	+2.2	362	463	Acceptable	
	K-08	736	681.0	24.3	342	+2.3	607	755	Acceptable	
	K-09	604	573.7	22.3	341	+1.4	506	641	Acceptable	
	K-10	646	611.9	22.5	343	+1.5	544	680	Acceptable	

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CAP #: 7234136

Subspecialty: General Immunology

Regulated Analyte	Proficiency Event 2022 3			Proficiency Event 2023 1			Proficiency Event 2023 2			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-C	5/5	100	VM-A	5/5	100	VM-B	5/5^	100	Satisfactory	Successful
Complement C3										Pending	
Complement C4										Pending	
Hepatitis (Anti-HBc)	VM-C	5/5	100	VM-A	5/5	100	VM-B	5/5^	100	Satisfactory	Successful
Hepatitis (HBsAg)	VM-C	5/5	100	VM-A	5/5	100	VM-B	5/5^	100	Satisfactory	Successful
IgA										Pending	
IgE				K-A	5/5	100				Pending	Pending <4>
IgG										Pending	
IgM										Pending	
General Immunology		15/15	100		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 2022 3			Proficiency Event 2023 1			Proficiency Event 2023 2			Current Event Performance Interpretation	Cumulative CLIA '88 Performance Interpretation
	Test Event	Score	%	Test Event	Score	%	Test Event	Score	%		
Cortisol	K-C	5/5	100	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
Thyroxine, Free (T ₄ , Free)	K-C	5/5	100	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
hCG	K-C	5/5	100	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
Triiodothyronine (T ₃)	K-C	5/5	100	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
TSH	K-C	4/5	80	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
Thyroxine (T ₄ , Total)	K-C	5/5	100	K-A	5/5	100	K-B	5/5	100	Satisfactory	Successful
Endocrinology		29/30	97		30/30	100		30/30	100	Satisfactory	Successful

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