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IGL Labor GmbH

Institut für ganzheitliche Labordiagnostik
Institute for Epigenetic Laboratory Diagnostics

Praxis
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Laboratory technical report | Clinical findings of end

iEC - Individual Substances

Cellular Toxin Examination

Requisition #	110973001	Wittbek, March 25th, 2024
Order number	133420 LK 25324 10	
Patient name	██████████	Labor input March 18th, 2024
Date of birth	██████████	Labor output March 18th, 2024
Age of the patient	██████████	Sample Collection March 12th, 2024
Doctor Therapist	Dr. Günther Beck, MMA	
Internal reference Reference-ID	26684	
Number of parameters	1	
Material	Eluate	

Test name	Review	AM	MAD	Value 1	Value 2	Value 3	Value 4	SI units
iEC - intracellular Electrical Capacity - in Eluate								
1 2-Methyl-4.6-dinitrophenol (DNOC)	borderline	280,44 nmol/l	3,48 nmol/l	278,35	286,70	275,57	281,13	nmol/l
2 Acetone	borderline	156,53 nmol/l	0,59 nmol/l	156,92	156,92	156,92	155,35	nmol/l
3 Aflatoxine B1	tolerable	82,66 nmol/l	1,03 nmol/l	82,45	83,27	80,80	84,10	nmol/l
4 Aldicarb	borderline	263,75 nmol/l	0,98 nmol/l	261,79	264,41	264,41	264,41	nmol/l
5 Aluminium	tolerable	135,75 nmol/l	0,51 nmol/l	134,74	136,09	136,09	136,09	nmol/l
6 Aniline	borderline	294,10 nmol/l	2,96 nmol/l	295,58	289,67	298,54	292,62	nmol/l
7 Arsenic	tolerable	49,02 nmol/l	0,49 nmol/l	48,78	49,27	49,76	48,29	nmol/l
8 Benzene	very high	481,94 nmol/l	5,98 nmol/l	478,35	473,57	487,92	487,92	nmol/l
9 Benzo[a]pyrene	tolerable	98,46 nmol/l	0,86 nmol/l	98,21	100,17	97,23	98,21	nmol/l
10 Benzoate	borderline	163,06 nmol/l	2,03 nmol/l	162,65	159,40	164,28	165,90	nmol/l
11 Benzoquinone	high	310,08 nmol/l	3,10 nmol/l	310,08	310,08	303,88	316,28	nmol/l
12 Bisphenol-A (BPA)	tolerable	7,92 nmol/l	0,12 nmol/l	7,84	8,08	7,76	8,00	nmol/l
13 Bromacil	borderline	272,55 nmol/l	2,71 nmol/l	271,19	273,90	276,61	268,48	nmol/l
14 Cadmium	borderline	168,34 nmol/l	2,92 nmol/l	167,09	172,10	163,75	170,43	nmol/l
15 Cetyltrimethylammonium-bromide (CTABr)	tolerable	75,05 nmol/l	0,75 nmol/l	75,05	74,30	74,30	76,55	nmol/l
16 Chlorotoluene	borderline	166,11 nmol/l	1,45 nmol/l	165,70	165,70	164,04	169,01	nmol/l
17 Chromium-VI	very high	584,23 nmol/l	5,84 nmol/l	584,23	578,39	578,39	595,91	nmol/l
18 Cyclohexanedimethanol (CHDM)	high	316,21 nmol/l	1,60 nmol/l	319,40	313,01	316,21	316,21	nmol/l
19 Dibenzofurane	tolerable	97,24 nmol/l	0,72 nmol/l	96,04	97,96	97,96	97,00	nmol/l



Test name	Review	AM	MAD	Value 1	Value 2	Value 3	Value 4	SI units
iEC - intracellular Electrical Capacity - in Eluate								
20 Dichlorodiphenyltrichloroethane (DDT)	high	304,72 nmol/l	5,27 nmol/l	300,96	309,99	297,95	309,99	nmol/l
21 Dichloromethane	high	391,09 nmol/l	2,89 nmol/l	385,31	393,02	393,02	393,02	nmol/l
22 Dichlorophenol	tolerable	72,74 nmol/l	0,54 nmol/l	72,38	72,38	73,83	72,38	nmol/l
23 Dichloroxylenol	borderline	222,06 nmol/l	3,31 nmol/l	220,96	225,38	216,54	225,38	nmol/l
24 Dichlorvos	very high	453,21 nmol/l	4,53 nmol/l	453,21	448,68	448,68	462,27	nmol/l
25 Diesel-exhaust-gases	borderline	166,36 nmol/l	0,00 nmol/l	166,36	166,36	166,36	166,36	nmol/l
26 Diethylenglycoldibenzoate (DEGDB)	very high	487,60 nmol/l	7,24 nmol/l	482,77	497,25	492,43	477,94	nmol/l
27 Formaldehyde	borderline	155,14 nmol/l	0,78 nmol/l	155,14	155,14	156,69	153,59	nmol/l
28 Gadolinium	borderline	179,63 nmol/l	1,33 nmol/l	176,98	180,52	180,52	180,52	nmol/l
29 Glyphosate / AMPA	high	376,79 nmol/l	3,29 nmol/l	375,85	383,37	375,85	372,09	nmol/l
30 Hexamethylene-diol (1.6-Hexandiole)	very high	597,95 nmol/l	5,92 nmol/l	592,03	592,03	597,95	609,79	nmol/l
31 Lead	very high	568,00 nmol/l	4,20 nmol/l	559,61	570,80	570,80	570,80	nmol/l
32 Lindane	borderline	278,70 nmol/l	2,07 nmol/l	276,63	282,16	279,40	276,63	nmol/l
33 Mercury inorganic	very high	529,45 nmol/l	2,67 nmol/l	534,80	524,10	529,45	529,45	nmol/l
34 Mercury organic (group)	tolerable	140,39 nmol/l	0,70 nmol/l	139,00	140,39	140,39	141,78	nmol/l
35 Methacrylate (Methyl-acrylate)	borderline	215,92 nmol/l	1,62 nmol/l	215,38	217,53	213,23	217,53	nmol/l
36 Methane	very high	582,03 nmol/l	5,73 nmol/l	573,43	584,90	590,63	579,16	nmol/l
37 Micro-plastics	high	340,91 nmol/l	3,41 nmol/l	340,91	347,73	340,91	334,09	nmol/l
38 Mineral-oils	tolerable	139,77 nmol/l	1,39 nmol/l	139,07	140,46	141,85	137,68	nmol/l
39 Nickel	high	383,20 nmol/l	3,81 nmol/l	381,29	385,10	388,92	377,48	nmol/l
40 Nicotine	high	438,12 nmol/l	3,31 nmol/l	441,43	441,43	432,60	437,02	nmol/l
41 Nitrosamine	very high	569,72 nmol/l	4,22 nmol/l	562,69	573,94	568,32	573,94	nmol/l
42 Organophosphate	borderline	175,62 nmol/l	2,62 nmol/l	174,75	171,26	178,25	178,25	nmol/l
43 Paraben	high	329,11 nmol/l	1,65 nmol/l	329,11	325,82	329,11	332,40	nmol/l
44 Parathione	tolerable	127,02 nmol/l	1,74 nmol/l	126,70	124,17	126,70	130,50	nmol/l
45 p-Dichlorobenzene	very high	603,31 nmol/l	4,47 nmol/l	595,86	607,78	601,82	607,78	nmol/l
46 Pentachlorobenzene	very high	578,79 nmol/l	2,89 nmol/l	578,79	573,00	578,79	584,58	nmol/l
47 Pentachlorophenol (PCP)	borderline	232,90 nmol/l	1,16 nmol/l	232,90	232,90	235,23	230,57	nmol/l
48 Permethrin	high	317,58 nmol/l	2,36 nmol/l	315,22	318,37	315,22	321,52	nmol/l
49 Phenoxyethanol	borderline	291,18 nmol/l	1,46 nmol/l	291,18	288,27	294,09	291,18	nmol/l
50 Phosgene	tolerable	11,82 nmol/l	0,09 nmol/l	11,73	11,73	11,85	11,96	nmol/l
51 Polybrominated biphenyls (PBB)	very high	510,91 nmol/l	8,96 nmol/l	512,19	527,56	501,95	501,95	nmol/l



Test name	Review	AM	MAD	Value 1	Value 2	Value 3	Value 4	SI units
iEC - intracellular Electrical Capacity - in Eluate								
52 Polybutylenterephthalate (PBT)	high	330,69 nmol/l	4,54 nmol/l	329,87	339,77	326,57	326,57	nmol/l
53 Polychlorinated biphenyls (PCB)	very high	528,95 nmol/l	6,56 nmol/l	525,01	535,51	519,76	535,51	nmol/l
54 Polychlorinated dibenzodioxins (PCDD)	borderline	262,48 nmol/l	3,27 nmol/l	261,83	264,45	267,07	256,59	nmol/l
55 Polyethylenterephthalate (PET)	high	414,65 nmol/l	2,07 nmol/l	414,65	410,50	418,80	414,65	nmol/l
56 Propanol	very high	587,46 nmol/l	5,82 nmol/l	581,64	593,27	581,64	593,27	nmol/l
57 Styrene	borderline	216,06 nmol/l	2,15 nmol/l	214,99	212,84	219,29	217,14	nmol/l
58 Tin	very high	477,86 nmol/l	2,38 nmol/l	475,48	480,23	475,48	480,23	nmol/l
59 Toluene	high	434,02 nmol/l	5,41 nmol/l	432,94	441,60	424,28	437,27	nmol/l
60 Xylene	borderline	157,63 nmol/l	1,58 nmol/l	157,63	156,05	156,05	160,78	nmol/l

Reference Range

tolerable: 0 - 149,99 nmol/l borderline: 150,00 - 299,99 nmol/l high: 300,00 - 449,99 nmol/l very high: 450,00 - 650,00 nmol/l

AM: Arithmetic mean of values 1-4

MAD: Mean absolute deviation

Any application of it as a therapeutic intervention is to be determined by the ordering practitioner. This test was developed and its performance characteristics determined by IGL Labor GmbH. Results of this test are for investigational (and research) purposes only. The result should not be used as a diagnostic procedure without confirmation of the diagnosis by another medically established diagnostic product or procedure.

The reported reference values are only validated for lymphocytes.

Wittbek, March 25th, 2024

We are grateful for the Order!

With friendly and collegial greetings
IGL Labor GmbH, Wittbek