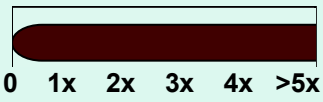
Patient: XXXXXXXXX Date of birth: XXXXXXX,

Sample-no. 2210, Patient no. 1,

The four highest analytes

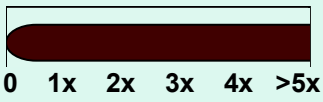
Number 1
Analyte: **Antimony**
Reference: **0.20 µg/l**
Measurement: **3.22 µg/l**



Reference comparison

Possible sources:
Batteries
Pigments
Game meat
Tattoos

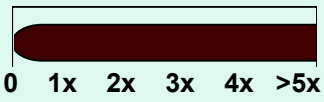
Number 2
Analyte: **Gold**
Reference: **0.05 µg/l**
Measurement: **0.63 µg/l**



Reference comparison

Possible sources:
Medications
Jewelry
Food
Coins

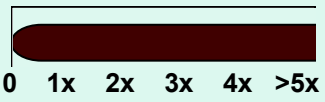
Number 3
Analyte: **Mercury**
Reference: **0.9 µg/l**
Measurement: **10.0 µg/l**



Reference comparison

Possible sources:
Medications
Seafood
Thermometers
Contact lens cleaner

Number 4
Analyte: **Platinum**
Reference: **0.05 µg/l**
Measurement: **0.47 µg/l**



Reference comparison

Possible sources:
Photography
Dentistry
Jewelry
Cytostatic

This sample was validated on: 17/09/2024
Validated by: Jaqueline Odermatt

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The relevance of the results in the medical sense and in relation to a therapy requires the assessment of a treating physician.

Patient: XXXXXXXXX Date of birth: XXXXXXX,

Biosalud day hospital

Heavy metals (ICP-MS)

Parameter	Reference	Measurement	Unit	Comment	Compared to the reference value
Antimony	0.20	3.22	µg/l	**Very high**	
Arsenic	1.00	6.36	µg/l	**Very high**	
Barium	2.9	0.2	µg/l	Moderate	
Bismuth	0.2	0.0	µg/l	Moderate	
Blei	30.0*	4.5	µg/l	Moderate	
Cadmium	0.05*	0	µg/l	N.D.	
Caesium	1.50 - 6.70*	2.19	µg/l	Moderate	
Chromium	0.90	3.12	µg/l	**Very high**	
Cobalt	0.05	0.35	µg/l	**Very high**	
Copper	654 - 1320	729	µg/l	Moderate	
Gadolinium	0.05*	0	µg/l	N.D.	
Gallium	0.05	0.07	µg/l	**High**	
Gold	0.05	0.63	µg/l	**Very high**	
Indium	0.05	0	µg/l	N.D.	
Iridium	0.05	0	µg/l	N.D.	
Manganese	5.0 - 13.5	2.9	µg/l	**Deficiency**	
Mercury	0.9	10.0	µg/l	**Very high**	
Molybdenum	0.2 - 1.3	0.1	µg/l	**Deficiency**	
Nickel	3.3*	3.3	µg/l	Moderate	
Platinum	0.05	0.47	µg/l	**Very high**	
Rubidium	900 - 4145*	1579	µg/l	Moderate	
Ruthenium	0.05	0.09	µg/l	**High**	
Silver	0.40	1.37	µg/l	**Very high**	
Strontium	9 - 41*	13	µg/l	Moderate	
Tantalum	0.05	0	µg/l	N.D.	
Tellurium	0.05	0	µg/l	N.D.	
Thallium	0.05	0.02	µg/l	Moderate	
Tin	2.0	0.0	µg/l	Moderate	
Titanium	3.0	18.5	µg/l	**Very high**	
Uranium	0.05	0	µg/l	N.D.	
Vanadium	0.80*	0.81	µg/l	Tolerable	
Zinc	4080 - 7870	7094	µg/l	Moderate	
Zirconium	0.20	0	µg/l	N.D.	

N.D. = not detectable
Deficiency = below the lower reference value
Traces = Below the limit of quantification

Moderate = 0 to 1x reference value
Tolerable = 1x to 1.1x reference value

High = 1.1x to 2x reference value
Very high = >2.0x reference value

The determination of reference values is carried out according to the 75th percentile, based on the extensive data analyses of INUS Laboratories. In

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the assessment of specific analytes, especially trace elements, we adhere to the established standards of the World Health Organization (WHO). These are marked with an asterisk (*) for clear identification.

Some values in this report are close to the boundary areas, especially when measuring certain environmental toxins. This is due to the properties of the substances measured and does not affect the quality of our analysis. If you have any questions or concerns, please contact your treating physician who can interpret the results in the context of your individual health situation.

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