bio|vis DIAGNOSTIK

DAkkS Deutsche Akkreditierungsstelle D-ML-13188-01-00

Biovis Diagnostik MVZ GmbH
Dr. med. Burkhard Schütz
Wissenschaftliche Leitung
Thomas Gugerel[1]
Ärztliche Leitung
Dr. med. Herbert Schmidt[1]
Dr. med. Klaus G. Wenzel[2]

Justus-Staudt-Straße 2
65555 Limburg Offheim
[1]Facharzt für Laboratoriumsmedizin
[2]Facharzt für Nervenheilkunde

Tel.: 0 64 31 / 21 248 - 0
Fax: 0 64 31 / 21 248 - 66
E-mail: info@biovis.de
Web: www.biovis.de

External ID

Name	**Muster**	Date of Birth	**25.07.1983**	Order ID	**11613907**
First Name	**Muster**	Sex	Male	Order Date	05.11.2018
Sampling Date	05.11.2018 00:00	Validation Date	Dr. Herbert Schmidt	Findings Status	**Final Report**
Sample Material	S	Validation on	07.11.2018	Findings Date	07.11.2018

Test	Result	Unit	Standard Range	Previous Result
Allergy and Intolerance Diagnostics				
Histamin-Abbaukapazität				
Totale Histamin-Abbaukapazität	27,80	%	> 40	S NA) ELISA

< 25 % geringe bis keine Histamin Abbaukapazität
25 % - 40 % eringeschränkte Histamin Abbaukapazität
> 40 % ausreichende Histamin Abbaukapazität

S=Serum

cooperate analytics (R), A) accredited, NA) not accredited

Laboratory-Id N°.	**11613907**
Received	**05.11.2018**
Report	**06.12.2018**
Last Name	**Muster**
First Name	**Muster**
Date of Birth	**25.07.1983**
Index	STEF

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Justus-Staudt-Str. 2
D-65555 Limburg Offheim

Phone: (+49) 6431 / 21248-0
Fax: (+49) 6431 / 21248-66
Email: info@biovis.de

Histamine degradation capacity in serum

The total histamine degradation capacity (THDC) in serum was borderline.
Histamine belongs to the group of biogenic amines and is a natural messenger substance. In the body histamine is naturally synthetized from the amino acid histidine and is involved in numerous body functions. Besides the endogenic synthesis histamine can also be absorbed exogenically through histamine containing food. Normally, this is no problem as the body regulates the histamine concentration through specific degradation mechanisms.
One known way of the exogenic histamine degradation is through the enzyme diaminoxidase (DAO).
The reason for the development of a histamine intolerance (HIT) is therefore either a lack of DAO or a reduced enzymatic activity. Some patients that are symptom-free under a histamine-free diet, however, do not have a lack of DAO or reduced DAO activity. This leads to the assumption that there are more degradation or neutralization reactions. The conducted test has the advantage that the pure histamine degradation capacity is examined which means that it controls what quantities of histamine are degraded, independent of the degradation or neutralization reactions involved.
In case of Mr/Ms Muster a borderline THDC appears (25 – 40 %). A histamine-free / reduced diet (according to individual tolerances) is recommended.

With kind regards

Your Biovis-Diagnostik

Attention: *The recommendations given are only advice based on the compiled findings and possible clinical information. They are exclusively addressed to the therapist/physician and are* ***not intended*** *for direct transfer to the patient. They cannot replace diagnosis and therapy of the treating therapist. The recommendations for therapy are a suggestion. The responsibility for the final selection/measure/dosage lies with the medical professional/therapist responsible for each individual case. Please also note that there may be contraindications/interactions associated with the recommended medication/nutritional supplements for pre-existing primary diseases and when taking certain medication. These must be investigated by the medical professional/therapist before starting therapy.*