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Important laboratory information:

Change of method for the determination of the Alzheimer's disease biomarkers amyloid beta (1-40), amyloid beta (1-42), amyloid beta (1-42)/(1-40) ratio, total tau and phosphorylated tau in CSF as of 01.04.2023

Dear colleagues,

We hereby would like to inform you about the following method change.

Starting from 01.04.2023, the determination of the Alzheimer's disease biomarkers will be switched to the Lumipulse®G-Tests of.

As a result of the method change, the reference range for the assessment of the results will also change.

If you use laboratory data transmission (LDT), please note that new assignments may be required in your laboratory or hospital information system due to the changed analysis abbreviations.

Beta Amyloid (1-40)*	OLD	NEW
LDT abbreviation (DFÜ)	BAMY40	BAMY40L
Reference ranges	-	-

Beta Amyloid (1-42)		
LDT abbreviation (DFÜ)	BAMY42	BAMY42L
Reference ranges	> 630 pg/ml	> 599 pg/ml

*Ärztliche Leitung

Beta Amyloid (1-42)/(1-40) Ratio *		
LDT abbreviation (DFÜ)	AMYLBLQ	BAMYQL
Reference ranges	≥ 0,1	> 0,062

*Only requestable in the profile

Total tau in CSF	OLD	NEW
LDT abbreviation (DFÜ)	TAUPL	HTAUL
Reference ranges	< 452 pg/ml	< 404 pg/ml

Phosphorylated tau in CSF		
LDT abbreviation (DFÜ)	PTAU	PTAUL
Reference ranges	< 61 pg/ml	< 56,5 pg/ml

Test material:

As before, CSF in polypropylene tubes is required for the test (preferably frozen).

Thank you for your understanding. If you have any further questions, please do not hesitate to contact either:

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Yours sincerely,

MVZ Labor Dr. Limbach & Kollegen GbR