



Ústav hematologie a krevní transfuze

Recommendations for diagnosis of HLA predisposition to celiac disease

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WORKSHOP: Determination of disease associated with HLA characters, Prague 16.2.2023

PREDISPOSITION TO CELIAC DISEASE - SUMMARY 2022

PREDISPOSITION GENOTYPES : **DQA1*05/DQB1*02** DQ 2.5
DQA1*03/DQB1*03:02 DQ8
DQA1*02/ DQB1*02 DQ2.2

INTERPRETATION: THE HLA GENOTYPE FOUND IS ASSOCIATED WITH THE RISK OF CELIAC DISEASE.

This result cannot be interpreted independently as confirmation of celiac disease given its low specificity for this diagnosis.

CHANGE FROM PREVIOUS RECOMMENDATION:

The interpretation of DQ 2.2 does not differ from other predisposing genotypes

Workshop: Stanovení HLA znaků asociovaných s chorobami, Praha

PREDISPOSITION TO CELIAC DISEASE - UPDATE 2023

GENOTYPE

DQA1*05/DQB1*XX (EXCEPT *02)

SEROLOGICAL EQUIVALENT

DQ2 negative

INCIDENCE IN CZECH PATIENTS WITH PROVEN CELIACIA

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(reported cases of confirmed celiac disease in patients with this genotype cooperation requested from laboratories - checking samples with these genotypes and finding the final diagnosis in such patients, if the information is available)

INTERPRETATION according to the agreement from the workshop 16. 2. 2023:

THE HLA GENOTYPE FOUND IS ASSOCIATED WITH THE OCCURRENCE OF CELIAC DISEASE IN SOME CASES. A diagnosis of celiac disease cannot be ruled out.

Workshop: Stanovení HLA znaků asociovaných s chorobami, Praha