

Date: November 1, 2013

To: North Zone, Central Zone, and Edmonton Zone
Gastroenterologists, Laboratory Directors and Managers

From: AHS Laboratory Services – Histocompatibility Laboratory University of Alberta Hospital

R e: Testing for HLA associations in Celiac Disease ***Revised contact phone number for Dr. Patricia Campbell***

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Key Messages:

- The Edmonton Histocompatibility Laboratory has revised the interpretation comments for Celiac Disease Association testing.
- Comments will now include an associated risk for the DQA1/DQB1 allele combination being reported.
- These new risk categories are Very High, High, Low and Very Low.

Why is this important:

- Celiac Disease is associated with the HLA molecular typings of DQA1*0501/DQB1*02:01 and DQA1*03:01/DQB1*03:02 (serologically DQ2 and DQ8 respectively).
- The presence or absence of varying combinations of these alleles may provide some guidance for determining a genetic predisposition to the disease.

Action Required:

- Please refer to the <http://www.albertahealthservices.ca/3290.asp> for further information on risk categories being assigned.

Inquiries and feedback may be directed to:

Dr. Luis Hidalgo, Associate Director, Histocompatibility Laboratory, UAH at: email Luis.Hidalgo@albertahealthservices.ca

Dr. Patricia Campbell, Director, Histocompatibility Laboratory, UAH at: **780-407-8881**

This bulletin has been reviewed and approved by:

Dr. Carolyn O'Hara, AHS Medical/Scientific Director and ZCDH, Laboratory Services – Edmonton Zone