

DAHLSTROM, VERA

For Surgery Use ☐ Urgent ☐ Ring Patient ☐ Make Appointment ☐ Note in Chart ☐ File ☐

Patient **HANNON, PAUL**

UR No.

Patient Address **22 MULGRAVE RD YUNGABURRA QLD 4884**

Sex **M** Age **74 years** DOB **30/09/1950**

Report For **DAHLSTROM, VERA**

Ref. by/copy to **DAHLSTROM, VERA**

<b>Requested</b>	16/01/2025	
<b>Collected</b>	14/02/2025	09:00 AM
<b>Reported</b>	24/02/2025	02:29 PM

## COELIAC DISEASE GENOTYPING RESULTS

### SPECIMEN:

Blood

### HLA-DQ2.5 alleles

HLA-DQA1\*05:01 = **Heterozygous** (NG\_032876.1:g.5702C>T)

HLA-DQB1\*02:01 = **Heterozygous**

### HLA-DQ2.2 alleles

HLA-DQA1\*02:01 = Not Detected

HLA-DQB1\*02:02 = Not Detected

### HLA-DQ7 alleles

HLA-DQA1\*05:05 = Not Detected

HLA-DQB1\*03:01 = Not Detected

### HLA-DQ8 alleles

HLA-DQA1\*03:01 = Not Detected

HLA-DQB1\*03:02 = Not Detected

### INTERPRETATION:

At-risk genotype detected: Heterozygous HLA-DQ2.5 (intermediate risk). This genotype is associated with genetic susceptibility for coeliac disease.

This result does not confirm a diagnosis of coeliac disease. Further clinical work up, including serology and small intestinal histology, is required for diagnosis (PMID: 25827511).

### METHOD:

Testing for HLA haplotypes associated with genetic susceptibility to coeliac disease (DQ2.5, DQ2.2, DQ8 and DQ7.5) is performed with the LABType SSO HLA-DQA1/DQB1 Typing Kit (One Lambda, USA) utilising sequence-specific oligonucleotides probes on the LABScan3D platform (Luminex Corp., USA).

Typing and haplotype assignment is performed using the LabScan 3D software (Immucor, USA), and genetic susceptibility risk levels are

DAHLSTROM, VERA

For Surgery Use ☐ Urgent ☐ Ring Patient ☐ Make Appointment ☐ Note in Chart ☐ File ☐

Patient	HANNON, PAUL	UR No.	
Patient Address	22 MULGRAVE RD YUNGABURRA QLD 4884		
Sex	M	Age	74 years
		DOB	30/09/1950
Report For	DAHLSTROM, VERA	Requested	16/01/2025
Ref. by/copy to	DAHLSTROM, VERA	Collected	14/02/2025 09:00 AM
		Reported	24/02/2025 02:29 PM

assigned as per Horan et al, 2018 (PMID: 29764931).  
DQ haplotypes not associated with coeliac disease are not reported.  
Rare HLA-DQA1 and HLA-DQB1 alleles may not be detected. Additional  
loci that may contribute to the development of coeliac disease are  
not assessed by this test.

Dr Abhijit Kulkarni MBBS, MD, FRCPath (UK), FRCPA  
Genomic Diagnostics

Pathology Report