

26117-0057

Dr Test Doctor (Test Doctor) Test Clinic. 123 Test Street, Test Suburb Victoria 3125

Lab ID
Patient ID P000060
Ext ID 26117-0057

Test Patient

Sex: Female • 56yrs • 01-Jan-70
123 Home Street, Test Suburb VIC 3125

RECEIVED
27-Apr-26

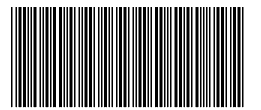
HLA-DQ/DR HAPLOTYPES

Specimen type - Blood-EDTA

Collected

15-Apr-26

HLA-DR Genotype		
TEST	RESULT	
HLA-DR Serotype	1,	8
HLA-DRB1	01,01	04,01
HLA-DQ Genotype		
TEST	RESULT	
HLA-DQ Serotype	4,	5(1)
HLA-DQA1	01,01	04,01
HLA-DQB1	04,02	05,01
HLA-DR HAPLOTYPES IDENTIFIED		
TEST	RESULT	INTERPRETATION
Haplotype #1	1-5	Low MSH
Haplotype #2	1-4	Benign
Haplotype #3	8-4	Benign
Haplotype #4	8-5	Benign
Haplotype #5	N/A	



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Haplotype: LOW MSH 1-5

This haplotype has been statistically correlated with low MSH (melanocyte stimulating hormone). With regard to biotoxin susceptibility, this haplotype is actually not specifically correlated with increased susceptibility to mould, lyme or other biotoxins. That being said, Dr. Shoemaker has roughly stated that when MSH falls below 10 any haplotype can function as effectively multisusceptible. Dr. Shoemaker also suggests that MSH falling below 35 can lead to susceptibility to MARCoNS.

MSH levels can be tested for through NutriPATH. MARCoNS can also be tested for through NutriPATH.

Some measures reported as effective at raising low levels of MSH are:

Disease Risk:

Disease Protection:

Elements of this haplotype are reported to be protective against Multiple Sclerosis.

1-3, 1-4, 1-8, 4-4-53, 7-4-53, 8-3, 8-4, 8-5, 8-6, 8-8, 9-2-53, 9-3-53, 9-7-53, 10-5,
11-4-52B, 11-5-52B, 11-8-52B, 12-5-52B, 13-752A, 13-7-52B, 13-7-52C, 14-3-52B, 14-7-52B,
15-5-51, 16-6-51, 17-2-52C, 17-3-52A, 17-3-52B, 17-3-52C, 17-4-52A, 17-4-52B

Disease Risk:

Some versions of this haplotype may confer additional risk of Rheumatoid Arthritis, Crohn's Disease, or Ulcerative Colitis

