

MEMORANDUM

To: All Laboratory Users
From: Department of Laboratory Medicine
Date: 20 December 2024
Re: **Update/New Test:** HLA-B*5801 Genotyping, Allopurinol Hypersensitivity

Dear Users of Laboratory Medicine,

Please be informed that the following test will be introduced into service in the Molecular Diagnosis Centre, Department of Laboratory Medicine, from 31 December 2024:

Test Procedure	Charge Code	Test Code	EAP Code
HLA-B*58:01 Genotyping, Allopurinol Hypersensitivity	1035100	5801	LAB3053543

The test is useful for identifying the human leukocyte antigen *HLA-B*58:01* allele which is associated with Allopurinol-induced toxic epidermal necrolysis (TEN), Stevens-Johnson syndrome (SJS), severe cutaneous adverse reactions (SCAR) or drug reaction with eosinophilia and systemic symptoms (DRESS).

Please refer to the table below for updates to the HLA-B*5801 genotyping test.

HLA-B*5801 Genotyping	Current	New
Charge Code	36970	1035100
EAP Code	LAB3040549	LAB3053543
Specimen Requirements	Whole blood in EDTA (lavender top) tube; 3mL	Whole blood in EDTA (lavender top) tube; 3mL
Methodology	Allele-specific Polymerase Chain Reaction	Allele-specific Polymerase Chain Reaction
Testing Days	Monday and Thursday	Tuesday and Friday
Expected TAT	3-5 working days (excluding transit time)	1-4 working days
Reference Intervals	Negative	Negative
Performing Laboratory	TTSH Molecular Diagnostic Laboratory	NUH Molecular Diagnosis Centre

Should you have any questions or require further information, please contact the laboratory staff at 6772 4384.

Thank you for your attention to this change.

Yours sincerely

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