

Patient Name	Patient X	Specimen ID	DW-63-129
Date of Birth	24/01/2023	Date Collected	24/01/2023
URN Number	3421341241	Date Received	24/01/2023
Requested Doctor	Dr. Who	Specimen Type	CSF
Hospital Site	St. Mangione HHS	Reporting Laboratory	VIDRL
Laboratory Number	124312412	Reporting Date	24/01/202

Thank you for referring your PATIENT **Patient X** DOB **24/01/2023** to the metagenomic next-generation sequencing for improving infectious disease diagnostics and pathogen discovery clinical research project (MetaGP - HREC/74254/2021.110).

Metagenomic sequencing and analysis is complete. Your patient’s case and data were reviewed and discussed during a multi-disciplinary research team meeting on 24/01/2024. Please refer to the APPENDIX for details regarding the assay and sequencing results.

Test Result

STAPHYLOCOCCUS AUREUS

A pathogen is reported when a detection at the taxonomic rank of species has been reviewed.

Comments

Test failed to pass quality control thresholds for sequencing depth in DNA libraries - review of the data nevertheless concluded strong evidence for presence of Staphylococcus aureus. Please not that this test cannot rule out pre-analytical contamination. Staphylococcus aures can sometimes be a contaminant from sampling sites.

Disclaimer: This metagenomics assay is a research-only assay, under ongoing development, and should only be used in addition to usual diagnostic testing algorithms. The test has been performed using an unapproved IVD medical device that has not been evaluated for quality, safety or performance by the Therapeutic Goods Administration. Results are not sufficient to rule in or out causative pathogens, and should not be used as the basis for clinical management decisions. Methods used for this analysis have not yet been validated according to the current NPAAC standards and results should be interpreted accordingly. NATA/RCPA accreditation does not cover the performance of this service.

Actions

Test results have been communicated verbally to the requesting clinician on 24/17/2024 authorised by Dr Katherine Bond.

Contact

For any further questions regarding these results, please contact:

Dr. Who, Acting Director, VIDRL (drwho@mh.org.au)

Disclosure Statement

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results of this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by the Victorian Infectious Diseases Reference Laboratory (VIDRL) and the named recipient on this report.

Liability Statement

To the fullest extent permitted by law, VIDRL will not be liable for any loss or claim (including legal costs calculated on an indemnity basis) which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by VIDRL that is connected with any activities or services provided by VIDRL under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

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Authorisation

Your patient's case and data were reviewed and discussed at a multi-disciplinary meeting on **24/01/2024**. Results are based on data meeting specific reporting thresholds and clinical relevance.

Dr. Who
Acting Director, VIDRL

Date

Dr. Watson
Clinician Researcher Metagenomics, University of Melbourne

Date

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