

GERMS-SA laboratory surveillance: ALL laboratories, please submit the following bacterial or fungal pathogens to the National Institute for Communicable Diseases (NICD) on Dorset transport medium with a TrakCareLab/ private laboratory report. Alternatively, send specimen tube/blood culture bottle if uncertain of identification and/or no isolate cultured (please contact NICD reference lab before sending).

Pathogen	Specimen	Lab tests	NICD Centre
<p><i>Streptococcus pneumoniae</i> <i>Haemophilus</i> spp. <i>Neisseria meningitidis</i> Group A streptococcus (<i>Streptococcus pyogenes</i>) Group B streptococcus (<i>Streptococcus agalactiae</i>)</p>	<p>All normally-sterile site specimens, e.g. CSF, blood, pleural fluid, peritoneal fluid, pericardial fluid, joint fluid, tissue, etc. In addition to above for: <i>Streptococcus pyogenes</i>: include non-sterile body site (wound) specimen obtained from a patient with necrotizing fasciitis or streptococcal toxic shock syndrome <i>Streptococcus agalactiae</i>: include non-sterile body site (tissue/pus/wound) specimen obtained from patient with intrauterine sepsis (fallopian tubes/ products of conception/ foetus.)</p>	<p>Culture positive OR Consistent Gram stain OR Latex positive For GAS and GBS culture and /PCR positive</p>	<p>CRDM 011 555 0315</p>
<p><i>Vibrio cholerae</i>†† <i>Salmonella</i> Typhi <i>Salmonella enterica</i> serotype Paratyphi (A, B and C) Nontyphoidal <i>Salmonella</i> spp. <i>Shigella</i> spp. <i>Listeria</i> spp. <i>Campylobacter</i> spp. Diarrhoeagenic <i>E. coli</i> (from rectal swab/stool only)</p>	<p>Any specimen</p>	<p>Culture positive</p>	<p>CED 011 555 0333</p>
<p><i>Cryptococcus</i> spp. (All NHLS laboratories serving flucytosine access sites [as per table 1] including all Western Cape Province NHLS laboratories)</p>	<p>Any specimen</p>	<p>Culture positive</p>	<p>CHARM – MRL 011 555 0384</p>
<p>^^ <i>E. coli</i> (Quarter 2 and 3, April-September)</p>	<p>All normally-sterile site specimens, blood, CSF, pleural fluid, peritoneal fluid, pericardial fluid, joint fluid, and tissue.</p>	<p>Culture positive</p>	<p>CHARM_AMRL 011555 0344</p>

†† *Vibrio cholerae* isolates from human and non-human (environmental) specimens. CRDM = Centre for Respiratory Diseases and Meningitis, CED = Centre for Enteric Diseases, CHARM- Centre for Healthcare-Associated Infections, Antimicrobial Resistance and Mycoses, MRL = Mycology Reference Laboratory

^^ FS: Universitas/Pelonomi; GP: Chris Hani Baragwanath Academic, Charlotte Maxeke Johannesburg Academic, Helen Joseph/Rahima Moosa, Dr. George Mukhari and Steve Biko Pretoria Academic; KZN: Greys', Northdale/ Edendale (HARRY GWALA), Inkosi Albert Luthuli/King Edward Hospital, Addington and RK Khan; WC: Groote Schuur and Tygerberg

To order a new batch of Dorset transport media, please call Siyanda Dlamini at telephone: 071 307 3262/ 062 605 5318 or call 011 386 6234/6012

Dear NHLS microbiology laboratories

Please submit cultured *Cryptococcus* isolates from any specimen site as of **1 September 2022** to NICD for *Cryptococcus* surveillance for flucytosine susceptibility testing. This includes all NHLS laboratories with flucytosine access sites [as per table below] and all Western Cape Province NHLS laboratories.

Table 1: Flucytosine access sites, 2018-2023

HOSPITALS	REGION
BUTTERWORTH HOSPITAL	EC: BUTTERWORTH
CECILIA MAKIWANE HOSPITAL	EC: EAST LONDON
FRERE HOSPITAL	EC: EAST LONDON
MADWALENI HOSPITAL	EC: ELLIOTDALE
DORA NGINZA HOSPITAL	EC: GQEBERHA
LIVINGSTONE HOSPITAL	EC: GQEBERHA
ZITHULELE HOSPITAL	EC: MQANDULI
NELSON MANDELA ACADEMIC HOSPITAL	EC: MTHATHA
PELONOMI TERTIARY HOSPITAL	FS:BLOEMFONTEIN
UNIVERITAS HOSPITAL	FS:BLOEMFONTEIN
CHARLOTTE MAXEKE JHB ACADEMIC HOSPITAL	GP: JOHANNESBURG
HELEN JOSEPH HOSPITAL	GP: JOHANNESBURG
SOUTH RAND HOSPITAL	GP: JOHANNESBURG
CHRIS HANI BARAGWANATH ACADEMIC HOSPITAL	GP: JOHANNESBURG
GEORGE MUKHARI HOSPITAL	GP: TSHWANE
KING EDWARD VIII HOSPITAL	KZN: DURBAN
ADDINGTON HOSPITAL	KZN: DURBAN
KING DINUZULU DISTRICT HOSPITAL	KZN: DURBAN
MAHATMA GANDHI MEMORIAL HOSPITAL	KZN: DURBAN
PRINCE MSHIYENI HOSPITAL	KZN: DURBAN
RKK KHAN HOSPITAL	KZN: DURBAN
ESHOWE HOSPITAL	KZN: ESHOWE
MBONGOLWANE HOSPITAL	KZN: ESHOWE
HLABISA DISTRICT HOSPITAL	KZN: HLABISA
HARRY GWALA REGIONAL HOSPITAL	KZN: PIETERMARIZBURG
GREYS HOSPITAL	KZN: PIETERMARIZBURG
NORTHDALE HOSPITAL	KZN: PIETERMARIZBURG
PORT SHEPSTONE HOSPITAL	KZN: PORT SHEPSTONE
MANKWENG HOSPITAL	LP: POLOKWANE
SESHEGO HOSPITAL	LP: POLOKWANE
PIETERSBURG (POLOKWANE) HOSPITAL	LP: POLOKWANE
BARBERTON HOSPITAL	MP: BARBERTON
ROB FERREIRA HOSPITAL	MP: NELSPRUIT
THEMBA HOSPITAL	MP: NELSPRUIT
ROBERT MANGALISO SOBUKWE HOSPITAL	NC: KIMBERLEY
TSHEPONG HOSPITAL	NW: KLERKSDORP

Please contact Ruth Mpenbe on 011 555 0325 with any queries.