

NICD GERMS-SA case definitions for isolate submission to Reference Laboratories for 2018

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 media with a TrakCareLab/private laboratory report or send specimen tube/blood culture bottle if uncertain of identification and/or no isolate available (contact lab).

Pathogen	Specimen	Lab tests	NICD Centre
<i>Streptococcus pneumoniae</i> <i>Haemophilus</i> spp. <i>Neisseria meningitidis</i>	All normally-sterile site specimens, e.g. CSF, blood, pleural fluid, peritoneal fluid, pericardial fluid, joint fluid, tissue, etc.	Culture positive OR Consistent Gram stain OR Latex positive	CRDM 011 555 0315
<i>Salmonella</i> Typhi †† <i>Vibrio cholerae</i> <i>Salmonella enterica</i> serotype Paratyphi (A, B and C)	Any specimen	Culture positive	CED 011 555 0333
<i>Cryptococcus</i> spp. (no need to send isolate)	Any specimen - enhanced surveillance laboratories need to inform the Surveillance Officers about cases (all year)	Culture positive OR CrAg test positive OR CSF India ink positive	CHARM – MRL 011 555 0384

†† *Vibrio cholerae* isolates from human and non-human (environmental) specimens must be reported to national Department of Health

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, AMRL = Antimicrobial Resistance Laboratory

Should your laboratory suspect an OUTBREAK of *Shigella* spp, non-typhoidal *Salmonella*, diarrhoeagenic *E.coli*, non-cholera *Vibrio*, *Campylobacter* or *Listeria* spp please contact and submit isolates to the Centre for Enteric Diseases (011 555 0333). Please also call the NICD Outbreak Response Unit to alert them (011) 5550392/0542 or (011) 386 6354

To order a new batch of Dorset transport media, please call CHARM at Telephone: 011 555-0323/0381

For other surveillance questions, please call NMSU at Telephone: 011 386 6234

NICD GERMS-SA case definitions for isolate submission to Reference Laboratories for 2018

In addition, the following labs please submit these organisms to the respective surveillance laboratory

Pathogen	Specimen	Lab tests	NICD Centre
^^Carbapenam Resistant Enterobacteriaceae (CRE) <ul style="list-style-type: none"> • <i>Klebsiella</i> spp. • <i>Enterobacter</i> spp. • <i>Citrobacter</i> spp. • <i>Serratia</i> spp. • <i>E. coli</i> • <i>Providentia</i> spp. • <i>Proteus</i> spp. • <i>Salmonella</i> spp • <i>Morganella</i> spp 	Blood culture only	Culture positive AND non-susceptible (intermediate or resistant) to any of the carbapenems: ertapenem, meropenem, imipenem and/or doripenem	CHARM – AMRL 011 555 0342
^^ <i>Acinetobacter baumannii</i>	Blood culture only	Culture positive	CHARM – AMRL 011 555 0342

^^ 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, 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 CHARM at Telephone: 011 555-0323/0381

For other surveillance questions, please call NMSU at Telephone: 011 386 6234