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-.CASEY CLEMENTS
17A CAMERON STREET
MACLEAN NSW 2463

TOM HANNA
20-Jan-1984 **Male**

187 TULLYMORGAN ROAD
LAWRENCE NSW 2460

LAB ID : 3853807
UR NO. : 6160935
Collection Date : 17-Nov-2022
Received Date:17-Nov-2022



3853807

MICROBIOLOGY

STOOL, SPOT Result Range Units

Shiga Toxin Summary

SHIGA-LIKE TOXIN E. COLI (STEC) : Detected

Method: PCR

Comment:

Shiga-like toxin E.coli is seen in faecal contamination of food (undercooked beef, raw milk, and unpasteurized juice) and water. It may also be seen in farm workers/agricultural families/pet farms. Implicated in haemorrhagic colitis, with fever, abdominal cramping, fatigue, nausea, and frank fresh bloody diarrhoea with no faeces, lasting up to a week. May complicate to haemolytic uremic syndrome (HUS), causing hepato-renal shutdown.

Treatment:

Managed conservatively with supportive therapy, reassurance with warning signs of HUS. B lactam (cell wall active) antibiotics are contraindicated with mild symptoms as can precipitate HUS, which warrants in-patient IV non B lactam antibiotics.

This test was confirmed by a secondary PCR test.

Dr N. Maheshwari
Clinical Pathologist
Microbiology

Tests ordered: STEC