

# VIDRL - New diagnoses for fortnight ending 09.12.2015

Victorian Infectious Diseases Reference Laboratory  
10 Wreckyn St, Nth. Melbourne, Vic. 3051

Tel: (03) 9342 2600 FAX: (03) 9342 2666  
<http://www.vidrl.org.au>  
email: vidrl@mh.org.au

|                          | PCR | isolation | antigen detection |       | serology | total<br>this 2/52 | total<br>prev 2/52 | comments |
|--------------------------|-----|-----------|-------------------|-------|----------|--------------------|--------------------|----------|
|                          |     |           | IF                | other |          |                    |                    |          |
| <b>Enteric Pathogens</b> |     |           |                   |       |          |                    |                    |          |
| Astrovirus               |     |           |                   |       |          |                    |                    |          |
| Campylobacter spp.       |     |           |                   |       |          |                    |                    |          |
| Cryptosporidium          |     |           |                   |       |          |                    |                    |          |
| Echinococcus granulosis  |     |           |                   |       |          |                    |                    |          |
| Entamoeba histolytica    |     |           |                   |       | 1        | 1                  |                    |          |
| Giardia lamblia          |     |           |                   |       |          |                    |                    |          |
| Norovirus                | 14  |           |                   |       |          | 14                 | 23                 |          |
| Rotavirus                |     |           |                   |       |          |                    |                    |          |
| Salmonella spp           |     |           |                   |       |          |                    |                    |          |
| Schistosoma              |     |           |                   |       |          |                    |                    |          |
| Shigella spp             |     |           |                   |       |          |                    |                    |          |
| Strongyloides            |     |           |                   |       |          |                    |                    |          |
| <b>Eye Infections</b>    |     |           |                   |       |          |                    |                    |          |
| Adenovirus               | 1   |           |                   |       |          | 1                  | 2                  |          |
| Chlamydia trachomatis    |     |           |                   |       |          |                    |                    |          |
| Herpes simplex           | 1   |           |                   |       |          | 1                  | 2                  |          |
| N. gonorrhoeae           |     |           |                   |       |          |                    |                    |          |
| Varicella zoster         |     |           |                   |       |          |                    | 1                  |          |
| <b>Hepatitis viruses</b> |     |           |                   |       |          |                    |                    |          |
| A acute                  |     |           |                   |       |          |                    |                    |          |
| B new                    |     |           |                   |       |          |                    |                    |          |
| C new                    |     |           |                   |       |          |                    |                    |          |
| D new                    |     |           |                   |       |          |                    |                    |          |
| E new                    |     |           |                   |       |          |                    |                    |          |
| <b>Malaria</b>           |     |           |                   |       |          |                    |                    |          |
| P. vivax                 |     |           |                   |       |          |                    |                    |          |
| P. falciparum            |     |           |                   |       |          |                    |                    |          |
| P. ovale                 |     |           |                   |       |          |                    |                    |          |
| P. falciparum/malariae   |     |           |                   |       |          |                    |                    |          |
| <b>Neurological</b>      |     |           |                   |       |          |                    |                    |          |
| Adenovirus               |     |           |                   |       |          |                    |                    |          |
| Enteroviruses            | 3   |           |                   |       |          | 3                  | 7                  |          |
| Flavivirus Gp B          |     |           |                   |       |          |                    |                    |          |
| Herpes simplex           | 2   |           |                   |       |          | 2                  | 1                  |          |
| Mumps                    |     |           |                   |       |          |                    |                    |          |
| Neisseria meningitidis   |     |           |                   |       |          |                    |                    |          |
| Varicella zoster         | 1   |           |                   |       |          | 1                  | 1                  |          |
| <b>Rashes</b>            |     |           |                   |       |          |                    |                    |          |
| Barmah Forest virus      |     |           |                   |       |          |                    |                    |          |
| Measles                  | 2   |           |                   |       |          | 2                  |                    |          |
| Parvovirus               |     |           |                   |       |          |                    |                    |          |
| Rickettsia               |     |           |                   |       |          |                    |                    |          |
| Ross River virus         |     |           |                   |       |          |                    |                    |          |
| Rubella                  |     |           |                   |       |          |                    |                    |          |
| Varicella zoster         | 5   |           |                   |       |          | 5                  | 2                  |          |

|                                   | PCR | isolation | antigen detection |       | serology | total<br>this 2/52 | total<br>prev 2/52 | comments   |
|-----------------------------------|-----|-----------|-------------------|-------|----------|--------------------|--------------------|--|
|                                   |     |           | IF                | other |          |                    |                    |  |
| <b>Respiratory Pathogens</b>      |     |           |                   |       |          |                    |                    |  |
| Chlamydia pneumoniae              |     |           |                   |       |          |                    |                    |  |
| Human metapneumovirus             |     |           |                   |       |          |                    |                    |  |
| Influenza A                       |     |           |                   |       |          |                    |                    |  |
| Influenza B                       |     |           |                   |       |          |                    |                    |  |
| Influenza C                       |     |           |                   |       |          |                    |                    |  |
| Legionella spp                    |     |           |                   |       | 1        | 1                  | 4                  |  |
| M. tuberculosis                   |     |           | 9                 |       |          | 9                  | 12                 |  |
| M. bovis BCG                      |     |           | 2*                |       |          | 2                  | 7                  | <i>M. avium</i>  |
| Other significant mycobacteria    |     |           |                   |       |          |                    |                    |  |
| Mycoplasma                        |     |           |                   |       | 5        | 5                  |                    |  |
| Parainfluenza                     |     | 2         |                   |       |          | 2                  |                    |  |
| Pertussis                         |     |           |                   |       |          |                    |                    |  |
| Picornavirus                      |     | 1         |                   |       |          | 1                  | 2                  |  |
| Psittacosis                       |     |           |                   |       |          |                    |                    |  |
| Q fever                           |     |           |                   |       |          |                    |                    |  |
| RSV                               |     |           |                   |       |          |                    |                    |  |
| <b>Skin/Mucosal Lesions</b>       |     |           |                   |       |          |                    |                    |  |
| Herpes simplex                    | 14  |           |                   |       |          | 14                 | 19                 |  |
| M. ulcerans                       | 5   |           |                   |       |          | 5                  | 2                  |  |
| Poxvirus<br>(M. contagiosum-like) |     |           |                   |       |          |                    |                    |  |
| <b>Uro-genital Pathogens</b>      |     |           |                   |       |          |                    |                    |  |
| Chlamydia                         | 21  |           |                   |       |          | 21                 | 24                 |  |
| Herpes simplex                    | 36  |           |                   |       |          | 36                 | 33                 |  |
| N. gonorrhoeae                    | 20  | 2         |                   |       |          | 22                 | 22                 | 2x urogenital,<br>7x rectal,<br>10x throat,<br>5x urine<br>*19 RPR >16 |
| Syphilis                          | 8   |           |                   |       | 32*      | 40                 | 37                 |  |
| Varicella zoster                  | 1   |           |                   |       |          | 1                  | 1                  |  |