

# Human Metapneumo Virus HMPV

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## General:

The recently identified human metapneumovirus (hMPV) is the only member of the genus Metapneumovirus (family Paramyxoviridae, subfamily Paramyxovirinae), which also includes avian pneumoviruses A, B, C, and D, that infect humans.

In children, especially in those younger than one year of age, hMPV is responsible for 5 to 10% of respiratory tract infections requiring hospitalization; its clinical course is slightly milder, but otherwise indistinguishable from respiratory syncytial virus (RSV) infection. HMPV can also be found in adults, in influenza-like disorders, but also as a cause of pneumonia. Simultaneous infections were also described. Soon after its discovery the virus was also isolated in other countries in Europe, North America, Australia, and Asia. There is a clear seasonal distribution of disease, with almost all cases occurring between December and April. In the Far East, the peak of hMPV activity is in spring and early summer.

Indication: respiratory infections, lower respiratory tract diseases in children

Material: dry swab

TAT: 7-10 days\*

Method: PCR

Ref.- range: see report

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>