



Cystic Fibrosis

in-house screening program



Cystic Fibrosis is the most common life threatening condition affecting newborns. Our in-house screening test provides a result following a simple blood test of one partner.

What is Cystic Fibrosis?

Cystic Fibrosis (CF) is an inherited genetic disorder that affects the respiratory and digestive system, sweat glands and male fertility from infancy through to adulthood.

The gene involved in CF regulates the production of a protein in cells that controls the movement of salt in and out of cells. CF causes the formation of thick mucus that traps bacteria, resulting in infections that damage both the lungs and the gut.

Babies and children with CF need daily physiotherapy for their lungs and frequent courses of antibiotics to treat the bacterial infections.

Despite modern treatments there is currently no cure and CF sufferers have a reduced life expectancy.

Cystic Fibrosis screening

A Cystic Fibrosis Screening blood test is available and recommended for one partner initially. If the test is positive identifying you as a carrier of CF the specialist will recommend your partner also be tested. If both members of a couple are shown to be carriers, referral for genetic counselling can be arranged.

Accuracy of testing

The current screening tests detect most carriers but they cannot detect every possible change in these genes that may cause the disorder. There is still a small chance that you may be a carrier.

While there is a range of providers offering CF this screen is the most comprehensive CF screen identifying over 1000 gene variants.

FIND OUT MORE

To make an appointment please call 1800 111 483 or to find out more information please visit mivf.com.au/treatments/preimplantation-genetic-testing-pgt/cystic-fibrosis-screening

OUR DIAGNOSTIC SERVICES

Your fertility specialist and local clinic are members of Virtus Health, one of the world's leading providers of fertility care. During your care Virtus Diagnostics, also a member of Virtus Health, provides fertility pathology services associated with general gynaecology, fertility investigations and treatment, pre-natal diagnostics and specialist genetic testing.