



**National Centre for Medical Genetics  
Summary of services available**

[www.genetics.ie](http://www.genetics.ie)

<p><b>Molecular Genetics (DNA) Laboratory</b> Tel: (01) 409 6733</p> <p><b><u>Molecular Genetic (DNA) tests</u></b></p> <p>Tests currently provided in-house:</p> <ul style="list-style-type: none"> <li>• Angelman Syndrome</li> <li>• Familial Breast Cancer</li> <li>• Cystic Fibrosis</li> <li>• Duchenne/Becker Muscular Dystrophy</li> <li>• Torsion Dystonia, early onset</li> <li>• Fragile X syndrome (including premature ovarian failure, Fragile X tremor-ataxia syndrome)</li> <li>• Friedreich Ataxia</li> <li>• Hereditary Non-polyposis Colorectal Cancer</li> <li>• Huntington Disease</li> <li>• Microsatellite Instability</li> <li>• Prader Willi Syndrome</li> <li>• Spinal Muscular Atrophy</li> <li>• Uniparental Disomy</li> </ul> <p>Hereditary Haemochromatosis testing is not available at NCMG.</p> <p>We accept samples for all other molecular genetic tests and will send them out to reputable laboratories; invoices from the external laboratory will go directly to the referring clinician or institution.</p> <p>Please refer to our website <a href="http://www.genetics.ie">www.genetics.ie</a> for further information.</p>	<p><b>Cytogenetics (Chromosome) Laboratory</b> Tel: (01) 409 6970</p> <p><b><u>Constitutional (Chromosomes + FISH)</u></b></p> <p>Tests currently provided in-house:</p> <ul style="list-style-type: none"> <li>• New-borns and children (&lt;5 yrs old) for chromosome analysis</li> <li>• Microdeletion syndromes for FISH-only analysis (no age restrictions)</li> <li>• On-going family studies</li> </ul> <p>Prenatal samples (CVS and/or amniotic fluid) are accepted as normal.</p> <p><b><u>Oncology</u></b></p> <p>The service provided remains a National service with limited sample acceptance restrictions. Bone marrow and peripheral blood samples referred to the NCMG for haematological disorders are accepted. Information regarding bone marrow morphology and/or confirmed disease diagnosis will be required before analysis is undertaken. Please refer to our website <a href="http://www.genetics.ie">www.genetics.ie</a> and leaflet.</p>
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*Valid from July 2011, until further notice*

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