

**DISEASE:**  
**Hirschsprung disease**

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|---------------------|---|
| <b>NAME:</b>        | Hirschsprung disease  |
| <b>DESCRIPTION:</b> | A rare congenital intestinal motility disorder that is characterized by signs of intestinal obstruction due to the presence of an aganglionic segment of variable extent in the terminal part of the colon. |
| <b>ORPHACODE:</b>   | 388   |
| <b>SYNONYMS:</b>    | Aganglionic megacolon<br>Colonic aganglionosis<br>Congenital intestinal aganglionosis<br>HSCR   |

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|--------------------|---|
| <b>XREF(S):</b>    | <u>Orphanet</u><br><u>MeSH</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>OMIM</u><br><u>MedDRA</u><br><u>ICD-10</u>                 |
| <b>ANALYTE(S):</b> | <u>ATP7A</u><br><u>ABCD1</u><br><u>ERBB2</u><br><u>ERBB3</u><br><u>SMO</u><br><u>RET</u><br><u>ECE1</u><br><u>EDN3</u><br><u>EDNRB</u><br><u>GDNF</u><br><u>NRTN</u><br><u>SEMA3C</u><br><u>SEMA3D</u><br><u>SREBF1</u> |
| <b>CREATED:</b>    | 13 May 2019 - 01:02   |
| <b>CHANGED:</b>    | 22 Jun 2023 - 16:14   |

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## RELATED CONTENT

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### Related Genetic Tests

- [Hirschsprung disease](#)
- [Hirschsprung disease](#)
- [Hirschsprung disease](#)
- [Multiple Endocrine Neoplasia type 2A and 2B / Familial medullary thyroid carcinoma](#)

### Related Laboratories

- [Centre de Génétique Médicale UCL](#)
- [Centrum Medische Genetica - UZ Gent](#)
- [Centrum Menselijke Erfelijkheid - KUL](#)

### Related Analytes

- [ATP binding cassette subfamily D member 1](#)
- [ATPase copper transporting alpha](#)
- [endothelin converting enzyme 1](#)
- [endothelin 3](#)
- [endothelin receptor type B](#)
- [erb-b2 receptor tyrosine kinase 2](#)
- [erb-b2 receptor tyrosine kinase 3](#)
- [glial cell derived neurotrophic factor](#)
- [neurturin](#)
- [ret proto-oncogene](#)

- semaphorin 3C
- semaphorin 3D
- smoothened, frizzled class receptor
- sterol regulatory element binding transcription factor 1

## Related Gene Panels

- Hirschsprung disease - Ugent

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