

**DISEASE:**  
**Precursor B-cell acute lymphoblastic leukemia**

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| <b>NAME:</b>        | Precursor B-cell acute lymphoblastic leukemia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>DESCRIPTION:</b> | A rare acute lymphoblastic leukemia characterized by infiltration of bone marrow and peripheral blood by small to medium-sized blast cells typically positive for the B-cell markers CD19, cCD79a, and cCD22. Predilection sites for extramedullary involvement are the central nervous system, lymph nodes, spleen, liver, and testes. Patients present with evidence of bone marrow failure (i. e. thrombocytopenia, anemia, and/or neutropenia) and variable leukocyte count, as well as lymphadenopathy, hepatomegaly, splenomegaly, bone pain, and arthralgias. |
| <b>ORPHACODE:</b>   | 99860                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>SYNONYMS:</b>    | B-ALL<br>Precursor B-cell acute lymphoblastic leukemia/lymphoma<br>Precursor B-cell acute lymphocytic leukemia<br>Precursor B-cell acute lymphocytic leukemia/lymphoma                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>XREF(S):</b>     | <a href="#">Orphanet</a><br><a href="#">ICD-10</a><br><a href="#">OMIM</a><br><a href="#">ICD-10</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|--------------------|-------------------------------------------------|
| <b>ANALYTE(S):</b> | <u>NUDT15</u><br><u>CYP2C19</u><br><u>CEP72</u> |
| <b>CREATED:</b>    | 13 May 2019 - 01:02                             |
| <b>CHANGED:</b>    | 01 May 2022 - 06:55                             |

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## RELATED CONTENT

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### Related Genetic Tests

- [Myeloid neoplasms with germline predisposition \(Hereditary MDS/Acute Leukemia\) \(gene panel\)](#)

### Related Laboratories

- [Centre de Génétique Humaine - CHU Sart-Tilman](#)

### Related Analytes

- [centrosomal protein 72](#)
- [cytochrome P450 family 2 subfamily C member 19](#)
- [nudix hydrolase 15](#)

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