

DISEASE:
Precursor T-cell acute lymphoblastic leukemia

NAME:	Precursor T-cell acute lymphoblastic leukemia
DESCRIPTION:	A rare acute lymphoblastic leukemia characterized by a neoplasm of lymphoblasts committed to the T-cell lineage, involving bone marrow and blood. A value of >25% bone marrow blasts may be used to define leukemia (as opposed to lymphoma) in cases with the presence of a mass lesion in addition to bone marrow involvement. Patients typically present with leukocytosis, and frequently with a large mediastinal or other tissue mass. Lymphadenopathy and hepatosplenomegaly are common.
ORPHACODE:	99861
SYNONYMS:	Precursor T-cell acute lymphoblastic leukemia/lymphoma Precursor T-cell acute lymphocytic leukemia Precursor T-cell acute lymphocytic leukemia/lymphoma T-ALL
XREF(S):	<u>Orphanet</u> <u>ICD-10</u>

ANALYTE(S):	<u>ABL1</u> <u>SET</u> <u>NUP214</u> <u>ZBTB16</u> <u>SALL2</u> <u>TRA</u> <u>BCR</u> <u>CDKN2A</u> <u>TAL1</u> <u>FLT3</u> <u>MYC</u> <u>STIL</u> <u>MYB</u> <u>TRB</u> <u>TRD</u> <u>TRG</u> <u>TCL1A</u> <u>TLX1</u> <u>TLX3</u> <u>CNOT3</u> <u>MLLT10</u> <u>HNRNPH1</u> <u>DDX3X</u> <u>PICALM</u>
CREATED:	13 May 2019 - 01:02
CHANGED:	22 Jun 2023 - 16:14

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RELATED CONTENT

Related Analytes

- ABL proto-oncogene 1, non-receptor tyrosine kinase
- BCR activator of RhoGEF and GTPase
- cyclin dependent kinase inhibitor 2A
- CCR4-NOT transcription complex subunit 3
- DEAD-box helicase 3 X-linked
- fms related receptor tyrosine kinase 3
- heterogeneous nuclear ribonucleoprotein H1
- MLLT10 histone lysine methyltransferase DOT1L cofactor
- MYB proto-oncogene, transcription factor
- MYC proto-oncogene, bHLH transcription factor
- nucleoporin 214
- phosphatidylinositol binding clathrin assembly protein
- spalt like transcription factor 2
- SET nuclear proto-oncogene
- STIL centriolar assembly protein
- TAL bHLH transcription factor 1, erythroid differentiation factor
- TCL1 family AKT coactivator A
- T cell leukemia homeobox 1
- T cell leukemia homeobox 3
- T-cell receptor alpha locus
- T-cell receptor beta locus
- T-cell receptor delta locus
- T-cell receptor gamma locus
- zinc finger and BTB domain containing 16

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