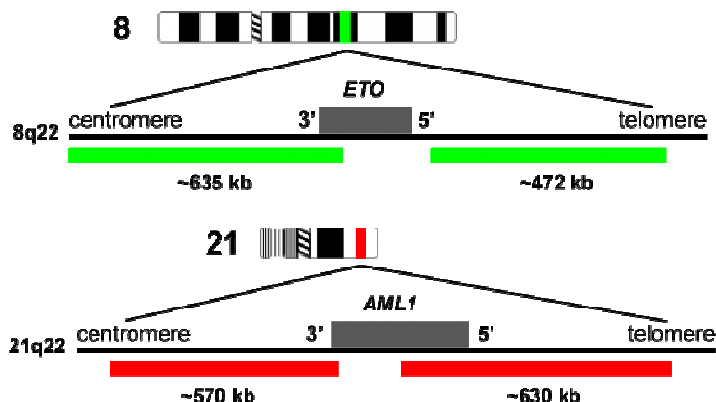


## TRUPCR® AML1-ETO Kit

The **TRUPCR® AML1-ETO Kit** is intended for the qualitative detection of AML1-ETO (RUNX1-RUNX1T1) fusion gene transcript in peripheral blood samples using real time PCR system.

Acute myelogenous leukemia (AML) with t(8;21)(q22;q22) is an acute myelogenous leukemia generally showing maturation in the neutrophil lineage. The protein encoded by this gene is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 gene fused to the 3'-region of this gene. Acute myelogenous leukemia (AML) with t(8;21)(q22;q22) is one of the most common structural aberrations in AML and can be found in 5-12% of cases of AML and in one third of karyotypically abnormal cases of AML with maturation. It occurs predominantly in younger patients. The AML1-ETO rearrangement t(8;21)(q22;q22) has been reported in acute myeloid leukemia (AML) subtype M2. Synonyms for AML1 (acute myeloid leukemia 1 gene) are PEBP2a (polyoma enhancer binding protein 2 subunit a) or CBFA2 (core binding factor subunit A2) and for ETO (eight twenty one) CDR (cyclin D-related gene) or MTG8 (myeloid translocation gene on chromosome 8). The breakpoints of AML1 are located between exon 5 and 6 and upstream of exon 2 regarding ETO.



### Key features:

- TRUPCR® AML Panel Kit allows sensitive and specific detection of most common AML1-ETO (RUNX1-RUNX1T1) fusion transcript.
- The kit offers sensitivity to detect up to 10 copies of AML1-ETO fusion transcripts.
- All the reagents for cDNA chemistry, PCR and real-time PCR are included in the kit
- It is compatible with various Real Time& Conventional PCR instruments
- Easy-to-use, rapid, reliable, comprehensive and cost-effective tests

### Ordering information:

Cat. No.	Product	Contents
3B1307	TRUPCR® AML1-ETO Kit	48 Rxn
3B1308	TRUPCR® AML1-ETO Kit	96 Rxn

TRUPCR® is a registered trademark of 3B BlackBio Biotech India Ltd.

For enquiries please email us at : [info@3bblackbio.com](mailto:info@3bblackbio.com) Or

Visit us at [www.3bblackbio.com](http://www.3bblackbio.com)