



## REALcut™ EarI

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REALcut™ enzymes are a series of engineered restriction enzymes that are capable of fast DNA digestion; the enzymes are able to digest DNA in 5~15 minutes. This enables any combination of restriction enzymes to work simultaneously in one reaction tube and eliminates the need for sequential digestions. All REALcut™ enzymes have passed multiple strict quality controls, and can be used to digest plasmid, genomic and viral DNA as well as PCR products.

REALcut™ enzymes show superior activity in the Universal buffer and Color buffer, supplied with all the enzymes. The Color Buffer includes a density reagent along with red and yellow tracking dyes that allow for direct loading of the reaction mixtures on a gel. The red dye of the Color Buffer migrates with 2.5 kb double-strand DNA fragments in a 1% agarose gel, and the yellow dye migrates with 10bp double-strand DNA fragments in a 1% agarose gel.

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| Catalog No.       | 516024              |
| Size              | 30 rxns             |
| Product Category  | Restriction Enzymes |
| Isoschizomers     | Eam1104I, Bst6I     |
| Cut Site          | CTCTTC(1/4)         |
| Total Units       | 600U                |
| Concentration     | 20U/μL              |
| Total Volume      | 30μL                |
| Reaction Volume   | 1μL/Rxn             |
| Storage/Stability | -20°C/1 year        |
| Shipping          | Gel Packs           |

