

Restriction Enzymes

Single buffer system: One for All - All for One



Building Blocks of Life

Achieve 100 % enzyme activity and complete digestion in **JBS Universal Buffer** (UB). Save time with **JBSpeed restriction enzymes**.

Chart Legend

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|--|--|
| | JBSpeed enzyme (5-10 min reaction time) |
| | Cleavage inhibited/impaired by CpG methylation of recognition sequence (eukaryotic genome DNA) |
| | Cleavage inhibited/impaired by dcm methylation of recognition sequence (bacterial source DNA) |
| | Cleavage inhibited/impaired by dam methylation of recognition sequence (bacterial source DNA) |
| | Cleavage inhibited/impaired by EcoKI methylation of recognition sequence (bacterial source DNA) |
| | Potential inhibition by overlapping CpG methylation site |
| | Potential inhibition by overlapping dcm methylation site |
| | Potential inhibition by overlapping dam methylation site |
| | Potential inhibition by overlapping EcoKI methylation site |
| | BSA should be added to a final concentration of 200 µg/ml to obtain optimal activity. |
| | TK102 should be added to the final concentration indicated in the PCR buffer to obtain optimal activity. |

Nucleotide Single Letter Code

R = A or G, Y = C or T, M = A or C, K = G or T, S = C or G, W = A or T, H = A or C or T, B = C or G or T, V = A or C or G, D = A or G or T, N = A or C or G or T

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