

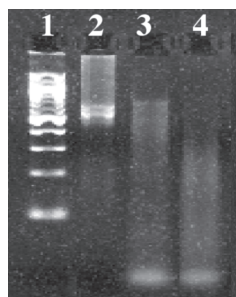


Turbo Dicer Enzyme Kit

50 Units Catalog #T520002

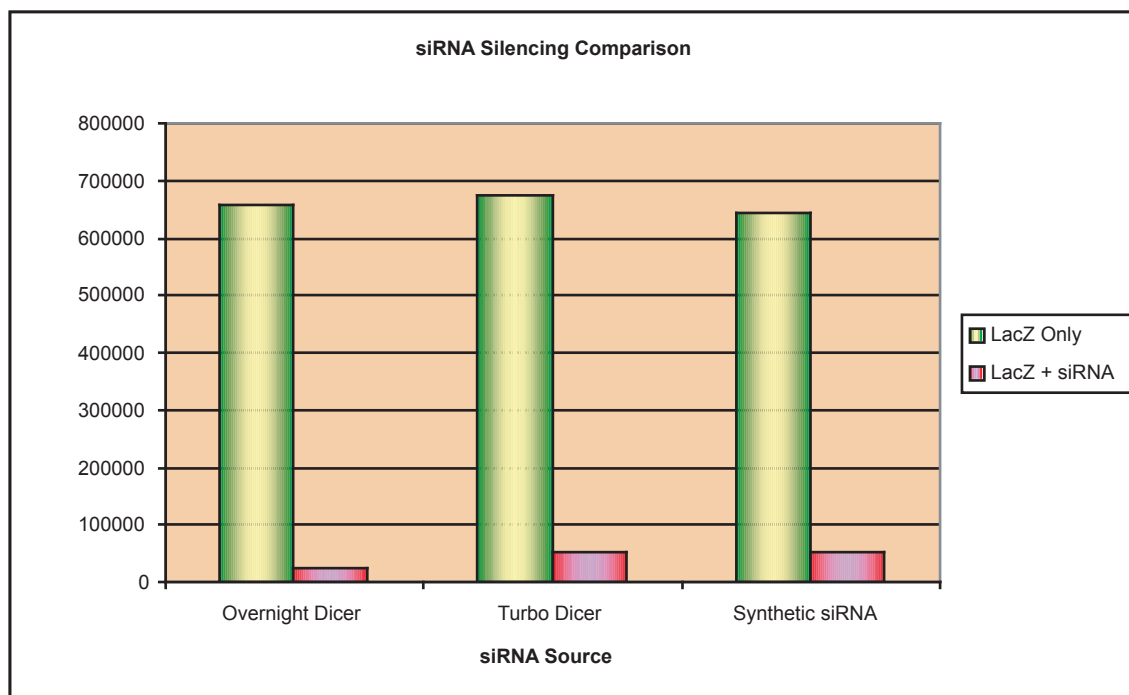
The Recombinant Human Turbo Dicer Enzyme Kit uses an ultra-active form of human recombinant dicer enzyme that can cleave more than 95% of dsRNA template into 22 bp siRNAs within 2 hours under optimized reaction conditions (Figure 1). This provides sufficient siRNAs in every single species to achieve effective gene silencing.

Figure 1: Turbo Dicer Digestion of dsRNA.



- Lane# Sample
1. 100 bp marker;
 2. 700 bp dsRNA, 1µg undigested
 3. 700 bp dsRNA, 1µg digested 15 hours with 1 unit of Dicer Enzyme
 4. 700 bp dsRNA, 1µg digested 2 hours with 1 unit of Turbo Dicer Enzyme

Figure 2: Gene Silencing effectiveness of siRNAs produced with Turbo Dicer Enzyme.



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