ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat#: AP-320-U
Cat#: AP-320-B, Biotin labeled
Cat#: AP-320-F, FITC labeled

Product Description: Liver-Specific Ligands (236)

Aptamer Type: Peptide

Sequence: QRVLVKK; 7-mer

Size 5 mg

Mol. Wt: 916.24 g/mole

Purity: >95%

Affinity: n/a

Comments: 77% liver uptake

Notes: A novel peptide display system containing cloned sequences in the tail fiber protein (p17) of phage T7. The p17 display effectively avoids the innate immune system and is well suited both for selection of new liver-specific ligands and for validation of protein sequences that have been implicated in liver targeting by the use of conventional biochemical methods.

References: Ludtke et al. "In Vivo Selection and Validation of Liver-Specific Ligands Using a New T7 Phage Peptide Display System." Drug Delivery, 14(2007): 357-369.

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