

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| <b>Catalog #</b>              | RK-003-53                                                   |
| <b>Standard Size</b>          | 125 RIA tubes                                               |
| <b>Radioactivity</b>          | 1.5 microcuries of Iodine 125                               |
| <b>Range</b>                  | 1-128 pg/tube of 100µl of Standard Solution = 10-1280 pg/ml |
| <b>Lowest Detection Limit</b> | 23.2 pg/ml                                                  |

| <b>Cross Reactivity</b> | <b>Peptide</b>                                          | <b>%<br/>Cross-reactivity</b> |
|-------------------------|---------------------------------------------------------|-------------------------------|
|                         | Agouti-Related Protein (83-132)-NH <sub>2</sub> (Human) | 100                           |
|                         | Agouti-Related Protein Form C-NH <sub>2</sub> (Human)   | 100                           |
|                         | Agouti-Related Protein (82-131)-NH <sub>2</sub> (Mouse) | 7                             |
|                         | Leptin (Human)                                          | 0                             |
|                         | Orexin A (Human, Mouse, Rat)                            | 0                             |
|                         | Orexin B (Human)                                        | 0                             |
|                         | Neuropeptide Y (Human, Rat)                             | 0                             |
|                         | α-MSH                                                   | 0                             |
|                         | MCH (Human, Mouse, Rat)                                 | 0                             |
|                         | CGRP (Rat)                                              | 0                             |
|                         | CGRP (Human)                                            | 0                             |

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| <b>Sequence</b> | Ser - Ser - Arg - Arg - Cys - Val - Arg - Leu - His - Glu - Ser - Cys - Leu - Gly - Gln - Gln - Val - Pro - Cys - Cys - Asp - Pro - Cys - Ala - Thr - Cys - Tyr - Cys - Arg - Phe - Phe - Asn - Ala - Phe - Cys - Tyr - Cys - Arg - Lys - Leu - Gly - Thr - Ala - Met - Asn - Pro - Cys - Ser - Arg - Thr - NH <sub>2</sub> |
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