



## Peninsula Laboratories, LLC

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**Cat. No. S-2134**

### **Gastrin Releasing Peptide (GRP) (human)**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-6785 H-Val-Pro-Leu-Pro-Ala-Gly-Gly-Gly-Thr-Val-Leu-Thr-Lys-Met-Tyr-Pro-Arg-Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH<sub>2</sub>

**TRACER:** H-5346  
**RANGE:** 0.01-1.28 ng/ml (1-128 pg/tube)  
**AVERAGE IC<sub>50</sub>:** 0.27 ng/ml (27 pg/tube)  
**TEST CAPACITY:** 125 test tubes  
**ASSAY TIME:** 3 days  
**SHELF LIFE:** Six weeks after date of preparation when stored at -20°C

**CROSS REACTION:**

| <b>PEPTIDE:</b>                             | <b>%:</b> |
|---------------------------------------------|-----------|
| Gastrin Releasing Peptide (human)           | 100       |
| GRP (14-27) (porcine, human, canine)        | 100       |
| Bombesin                                    | 100       |
| GRP (porcine)                               | 87        |
| Acetyl-GRP (20-27) (human, porcine, canine) | 78        |
| GRP (1-16) (human)                          | 0         |
| GRP (1-16) (porcine)                        | 0         |
| Gastrin I (human)                           | 0         |
| Big Gastrin I (human)                       | 0         |
| GIP (human)                                 | 0         |
| Substance P                                 | 0         |