

Comparison Chart

Crystal Chem Rat/Mouse Insulin ELISA Kits

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|---|--|--|---|
| Catalog# | 90080 | 90060 | INSKR020 |
| Product | Ultra Sensitive Mouse Insulin ELISA Kit | Ultra Sensitive Rat Insulin ELISA Kit | Rat Insulin ELISA Kit |
| Sample Size Serum or Plasma | 5µl | 5µl | 5µl |
| Sample size Fluid sample | 5µl | 5µl | 50µl |
| Number of tests | 96 wells | 96 wells | 96 wells |
| Assay time | Same day | Same day | Overnight |
| Reagents | In liquid form (except standard) | In liquid form (except standard) | In lyophilized form |
| Standard | Mouse insulin | Rat insulin | Rat insulin |
| Assay range | 0.1–6.4 ng/ml Low range assay 0.1–12.8 ng/ml Wide range assay 1.0–64.0 ng/ml High range assay | 0.1–6.4 ng/ml Low range assay 0.1–12.8 ng/ml Wide range assay 1.0–64.0 ng/ml High range assay | 0.156–10.0 ng/ml for serum or plasma 0.039–2.5 ng/ml for fluid |
| Number of Protocols | 3 | 3 | 2 |
| Type of Protocol | 1. Low range assay * 2. Wide range assay *, ** 3. High range assay * | 1. Low range assay * 2. Wide range assay *, ** 3. High range assay * | 1. Serum or Plasma 2. Fluid |
| Filters | 450nm & 630nm | 450nm & 630nm | 492nm & 630nm |
| * Same protocol for serum, plasma or fluid assay ** Intended for screening purposes only | | | |

Kit Highlights

- **High Sensitivity:** 100 pg/ml using 5µl sample for Ultra Sensitive Mouse and Rat Insulin Kits.
- **Small Sample Volume:** Only 5µl for serum or plasma. With our advanced technology, you can gain accuracy and precision using small sample volumes.
- **Low and High Insulin Assay Using Same Kit:** You can perform both Low & High range insulin assays using the Ultra Sensitive Mouse Insulin ELISA Kit (Cat# 90080) or Ultra Sensitive Rat Insulin ELISA Kit (Cat# 90060).
- **Excellent Accuracy and Precision:** Intra-assay and inter-assay precision CV ≤ 10.0%.