

Ultra Sensitive Rat Insulin ELISA Kit

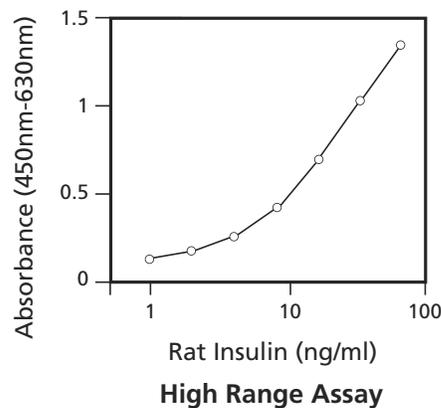
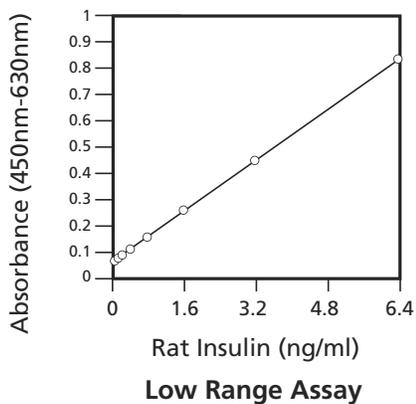
- Sample Size:** 5 μ l
- Samples:** Serum, plasma or fluid
- Tests:** 96 wells (8 wells x 12 modules)
- Reagents:** In liquid form (except standard)
- Assay Range:** Low Range Assay: 0.1 – 6.4 ng/ml
Wide Range Assay: 0.1 – 12.8 ng/ml*
High Range Assay: 1 – 64 ng/ml
- * Intended for screening purposes.
- Assay Time:** Same day procedure
- Precision:** Intra-assay precision CV \leq 10.0%
Inter-assay precision CV \leq 10.0%
- Recovery:** When rat insulin was spiked into rat serum, the recovery of rat insulin was 100% \pm 10%

Specificity:

Substance	Reactivity
Rat insulin	100%
Mouse insulin	100%*
Rat C-peptide	Not detected
Rat pancreatic polypeptide	Not detected
Porcine glucagons	Not detected
Human insulin like growth factor-I	Not detected
Human insulin like growth factor-II	Not detected

* Can vary from lot to lot. Specific cross-reactivity data is included with each kit.

Typical Standard Curves:

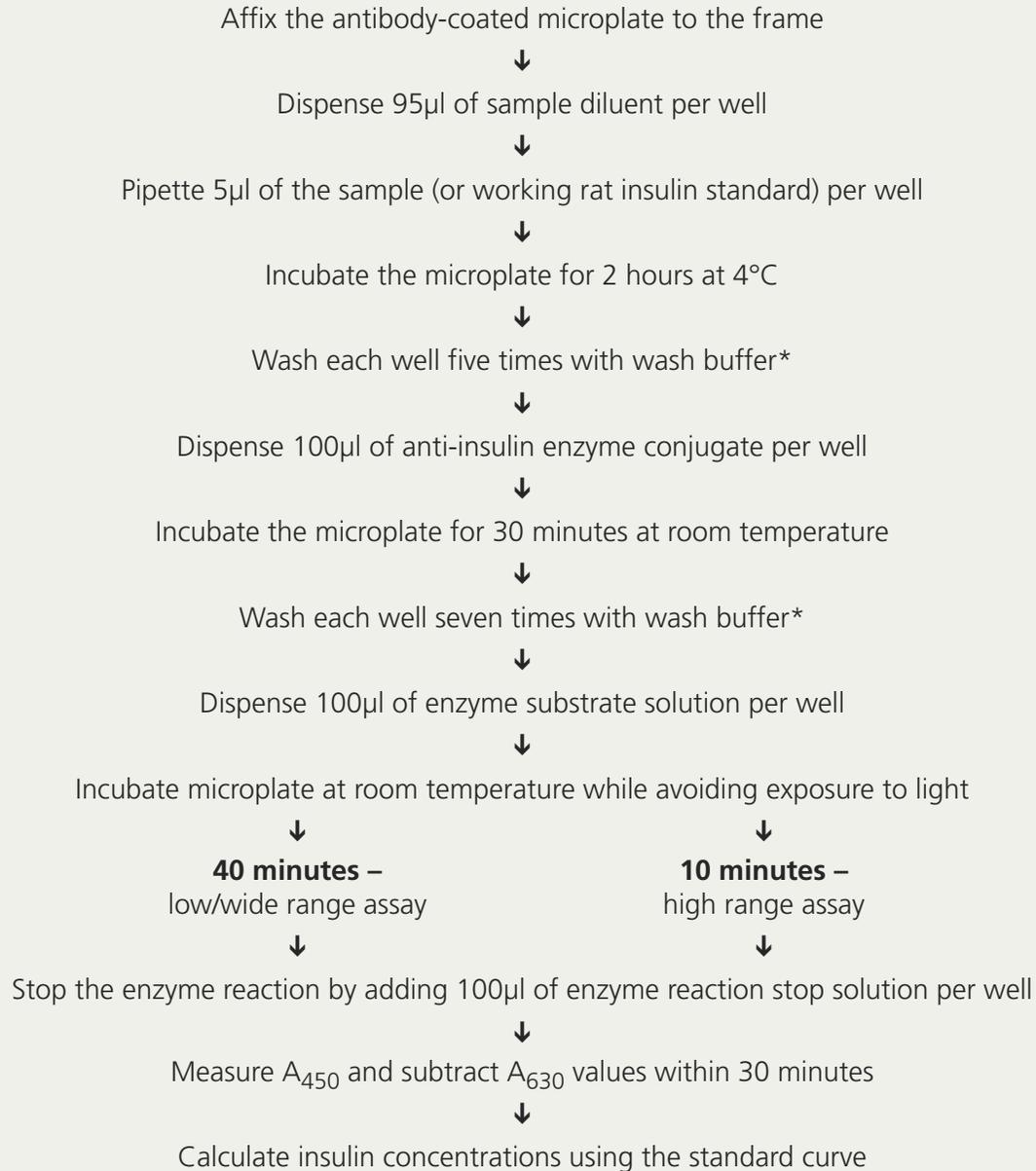


Highlights:

- **Small Sample Volume:** Only 5 μ l
- **High Sensitivity:** 100 pg/ml using 5 μ l sample and 5 pg/ml using 100 μ l sample
- **Both Low and High Insulin Assay:** Using same kit
- **Precision:** Intra-assay and inter-assay precision CV \leq 10.0%
- **Protocol:** Same protocol for serum, plasma or fluid assay

Summary of Assay

Ultra Sensitive Rat Insulin ELISA Kit (Cat# 90060)



* Each well should be washed with 300µl of wash buffer. Aspirate the wells completely so all excess solution is removed.