

Ultra Sensitive Mouse Insulin ELISA Kit

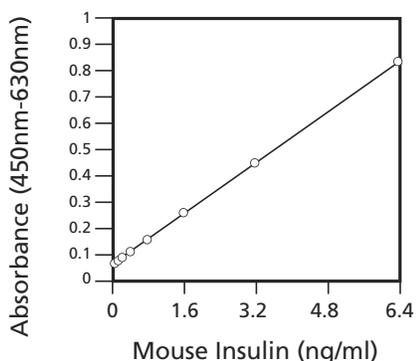
- Sample Size:** 5 μ l
- Samples:** Serum, plasma or fluid
- Tests:** 96 wells (8 wells x 12 modules)
- Reagents:** In liquid form (except standard)
- Assay Range:** Low Range Assay: 0.1 – 6.4 ng/ml
Wide Range Assay: 0.1 – 12.8 ng/ml*
High Range Assay: 1 – 64 ng/ml
- * Intended for screening purposes.
- Assay Time:** Same day procedure
- Precision:** Intra-assay precision CV \leq 10.0%
Inter-assay precision CV \leq 10.0%
- Recovery:** When mouse insulin was spiked into mouse serum, the recovery of mouse insulin was 100% \pm 15%

Specificity:

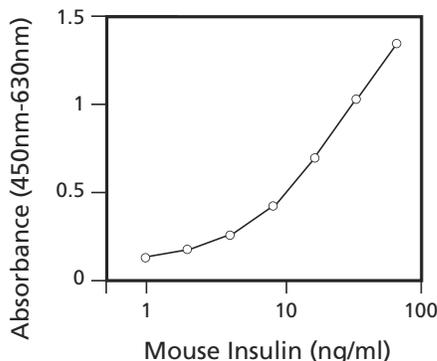
Substance	Reactivity
Mouse insulin	100%
Rat insulin	100%*
Rat C-peptide	Not detected
Rat pancreatic polypeptide	Not detected
Porcine glucagons	Not detected
Human insulin like growth factor-I	Not detected
Human insulin like growth factor-II	Not detected

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

Typical Standard Curves:



Low Range Assay

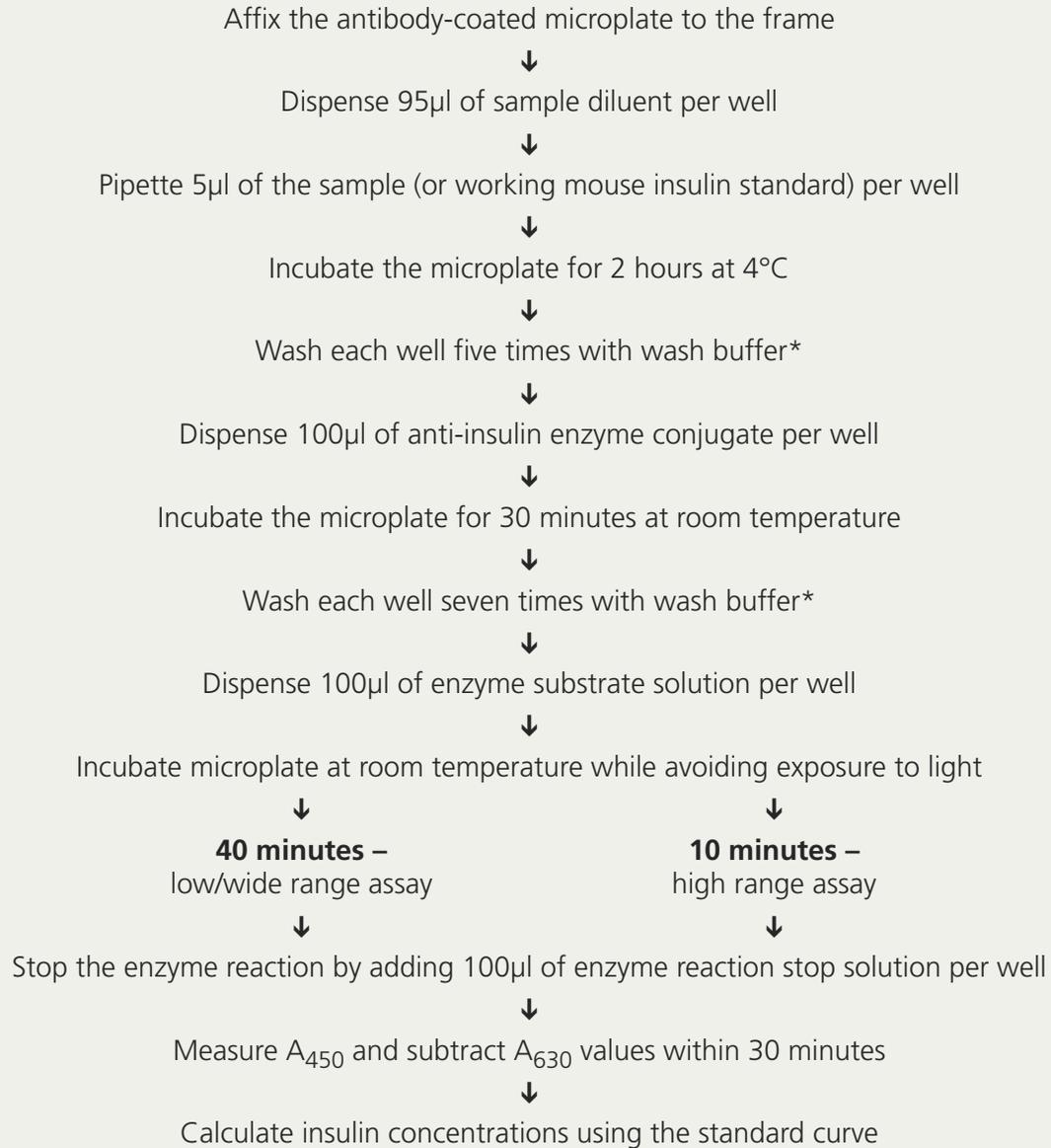


High Range Assay

- 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 Mouse Insulin ELISA Kit (Cat# 90080)



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