Computers cannot understand biological assay procedures written in **scientific language**.

**BioAssay Ontology**

Translates bioassay protocols into machine-readable language by tagging semantic web vocabulary.

**EXAMPLE**

Luciferase assay of E. Coli

293T cells for cAMP-signaling via **luminescence**.

Researchers created **BioAssay Schema Editor** software.

The software instructs people on how to put them together to create semantic descriptions of their bioassays.