



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

ASSAY DESIGN

CELL LINES

293T cells for cAMP-signaling

ORGANISM

TARGET

via luminescence.

DETECTION

Researchers created **BioAssay Schema Editor** software.

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

