

BioVision's Luciferase Substrates

BioVision offers numerous Luciferase products including Luciferase Substrates such as D-Luciferin and Coelenterazine and Luciferase Assay Kits. D-Luciferin and Coelenterazine are the most popular and versatile bioluminescent substrates. D-Luciferin is the substrate for the enzyme firefly luciferase whereas Coelenterazine is the luminescent substrate for Renilla luciferase and apoaequorin. Luciferins have been widely used in *in vitro* and *in vivo* luciferase reporter assays detecting gene expression and for detecting the level of cellular ATP in cell viability assays or for kinase activity assays. Coelenterazine has been used for bioluminescent calcium detection and the monitoring of reporter genes in BRET, ELISA and other Assays using cells or tissues. BioVision's Luciferin is the most highly purified Luciferin commercially available. Additionally, BioVision also offers the highly stable StayBrite™ Luciferase and Luciferase Reporter Assay Kits.

Product Highlights:

- **Highly Pure D-Luciferin, High Signal, Low Background & High Reproducibility**
- **Numerous Options of D-Luciferin to Choose From**
- **Offers Coelenterazine-h, Another Excellent Luciferase Substrate**
- **Highly Stable StayBrite™ Luciferase**
- **Highly Sensitive Luciferase Reporter Assay Kit for Studying Gene Regulation and Function**

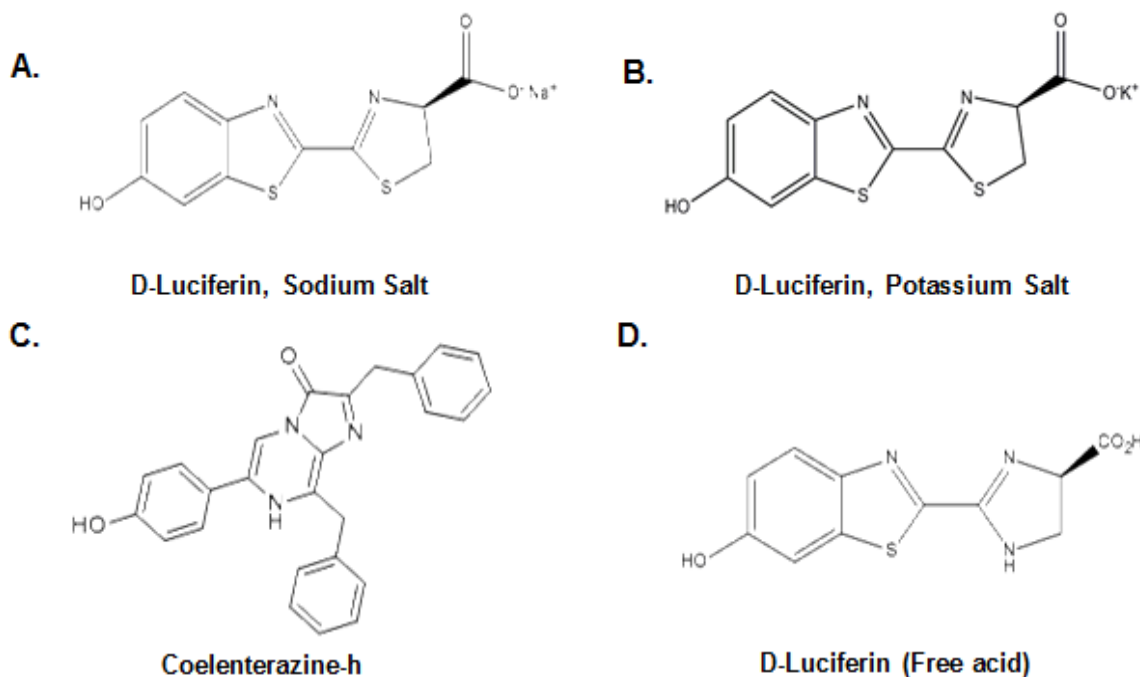


Figure. Structure of BioVision's Luciferase Substrates. A. D-Luciferin, Sodium Salt. B. D-Luciferin, Potassium Salt. C. Coelenterazine-h. D. D-Luciferin (Free acid).

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BioVision
BioVision Incorporated



Product Name	Cat. No.	Size	CAS #
Coelenterazine, native	2536	500 µg, 1 mg	55779-48-1
Coelenterazine-h	2742	100 µg, 1 mg	50909-86-9
D-Luciferin (Free acid)	2779	250 mg, 500 mg, 1 g, 5 g	2591-17-5
D-Luciferin, Potassium Salt	7903	100 mg, 1 g, 10 g, 3 x 1 g, 5 x 1 g, 10 x 1 g	115144-35-9
D-Luciferin, Sodium Salt	7902	100 mg, 1 g, 10 g, 3 x 1 g, 5 x 1 g, 10 x 1 g	103404-75-7
StayBrite™ High Stable Luciferase	7901	150 µg	N/A
StayBrite™ Highly Stable Luciferase/ Luciferin Reagent	K790	100 Assays, 1000 assays, 10000 assays	N/A
Luciferase Antibody	3848, 3858	Varies	N/A
Luciferase Reporter Assay Kit	K801	200 Assays	N/A

We are constantly adding new products in this field to provide a complete product portfolio for your research. Please visit our website, www.biovision.com for the most up-to-date details on all the products that we have in our catalog.

For ordering please email us at: orders@biovision.com