

NEW!

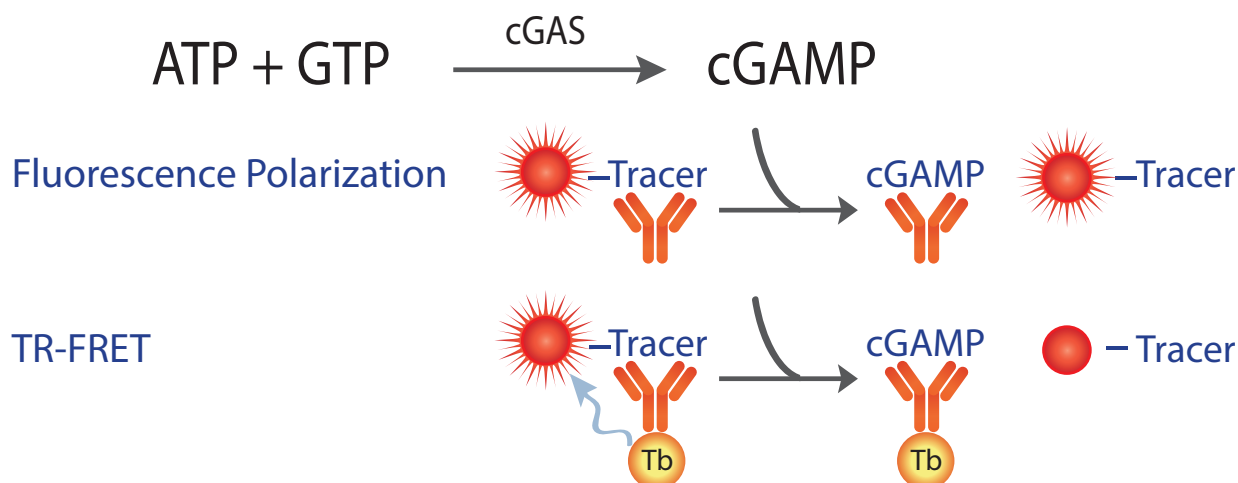
# TRANSCREENER<sup>®</sup>cGAMP

## cGAS Assay

### *Discover cGAS Inhibitors with a Simple Biochemical Assay*

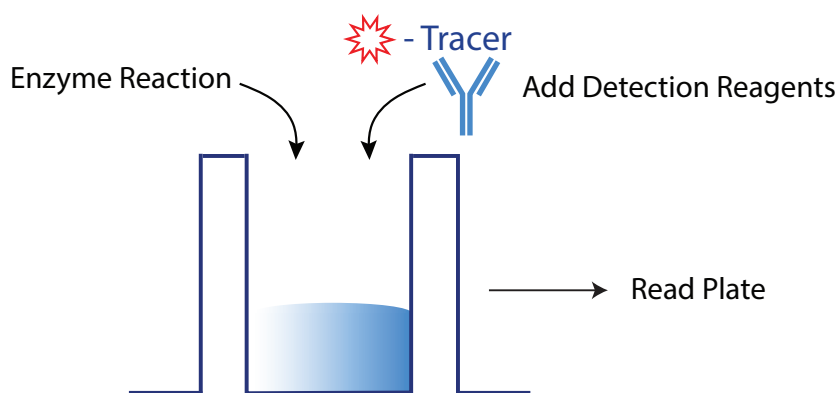
The Transcreener cGAS Assay directly measures cyclic GMP-AMP (cGAMP) produced by cyclic GMP-AMP synthase (cGAS). By measuring the production of cGAMP researchers can effectively determine activity of the cGAS enzyme. The assay provides a powerful tool to screen entire compound libraries for cGAS modulators to help find new therapeutics targeting the cGAS-STING pathway.

### *Direct Detection of cGAMP with an FP or TR-FRET Readout*



### *Simple, Mix-and-Read, HTS Ready*

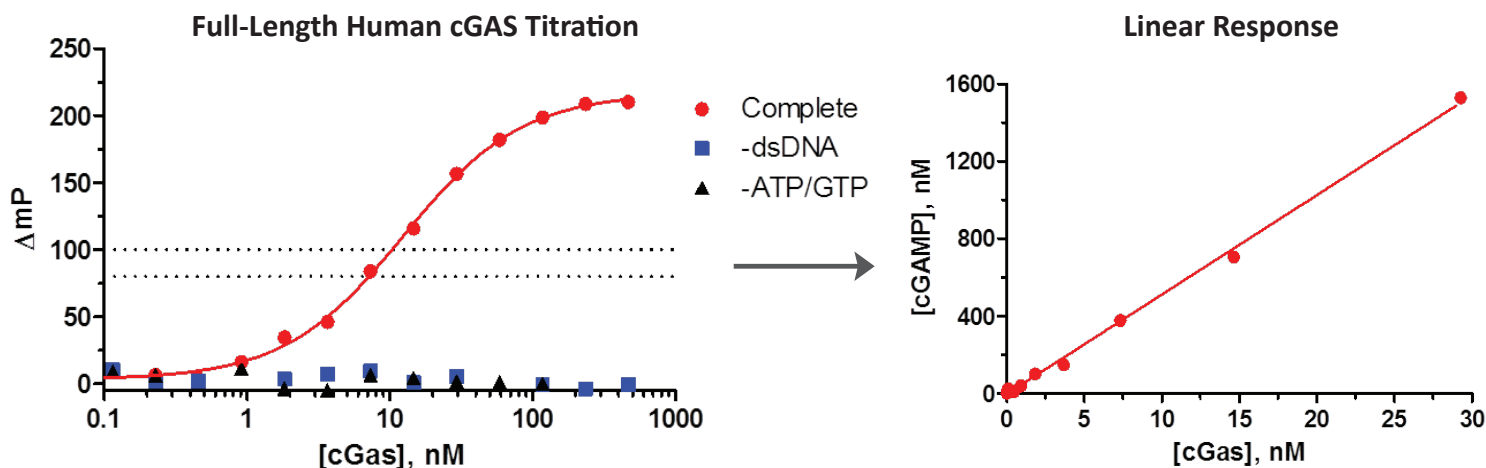
The Transcreener cGAS Assay is in a simple, HTS-ready, mix-and-read format. Run your enzyme reaction, add Transcreener reagents, and read your plates. The assay is compatible with 96, 384, and 1536-well formats.





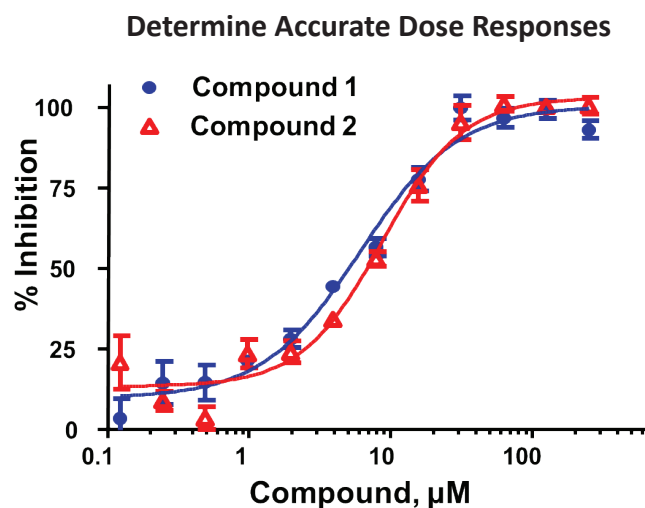
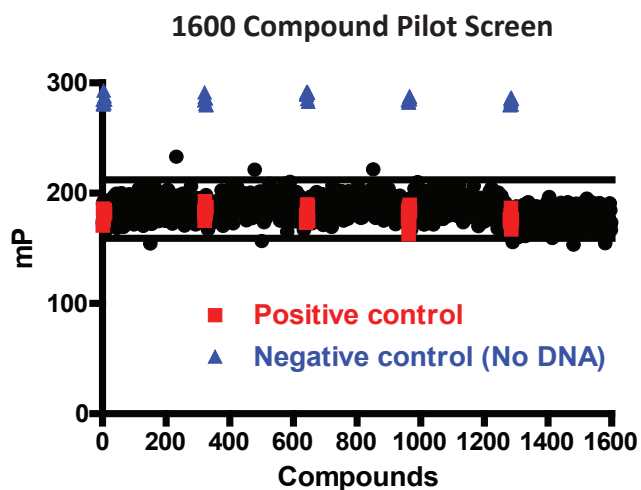
## Detection of cGAMP Under cGAS Initial Velocity

The assay demonstrates linearity when raw data is converted to cGAMP using a standard curve. cGAS is dependent on double-stranded DNA as well as ATP and GTP substrates for the production of cGAMP.



## Pilot Screen & Dose Response

The Transcreener cGAS Assay is designed for screening compound libraries in a high throughput format. Follow up SAR can also be performed using the assay to determine inhibitor potency with ease.



***The Transcreener cGAS Assay is now available. Contact BellBrook to be one of the first to use the assay!***

