



Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

Dismiss

Start free



Google Cloud

SIGN IN

Google Cloud



TxGemma



TxGemma

TxGemma generates predictions, classifications or text based on therapeutic related data and can be used to efficiently build AI models for therapeutic-related tasks with less data and less compute.

Deploy

[CO Open Notebook](#)



[Overview](#)

[Use cases](#)

[Documentation](#)

[License](#)



Overview

TxGemma is a collection of lightweight, state-of-the-art, open language models built upon Gemma 2, fine-tuned for therapeutic development. It comes in 3 sizes, 2B, 9B and 27B.

TxGemma models are designed to process and understand information related to various therapeutic modalities and targets, including small molecules, proteins, nucleic acids, diseases, and cell lines. TxGemma excels at tasks such as property prediction, and can serve as a foundation for further fine-tuning or as an interactive conversational agent for drug discovery. The model is fine-tuned from Gemma 2 using a diverse set of instruction-tuning datasets, curated from the [Therapeutics Data Commons \(TDC\)](#).

For more information on TxGemma, please visit the [HAI-DEF developer site](#).

Use cases