

STAT4-Luc/HEK293

CBPB0004

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I. Background

STAT4, signal transducer and activator of transcription 4, is a STAT family transcription factor (PMID: 31605750) that mediates IL-12 signaling during cellular-mediated immune responses (PMID: 25798064). Stat4 protein is overexpressed in epithelial cells of ovarian cancer and is associated with poor prognosis and metastasis (PMID: 28114283).

II. Introduction

Host Cell: HEK293

Expressed gene: STAT4-Luciferase

Stability: 32 passages (in-house test, that not means the cell line will be instable beyond the passages we tested.)

Freeze Medium: 90% FBS+10% DMSO

Culture Medium: DMEM + 10%FBS+100ug/ml hygromycin

Mycoplasma Testing: Negative

Storage: Liquid nitrogen

III. Description of Host Cell Line



Organism: Homo sapiens, human

Tissue: Embryonic kidney

Disease: Normal

Morphology: Epitheloid cell

Growth Properties: Adherent

IV. Representative Data

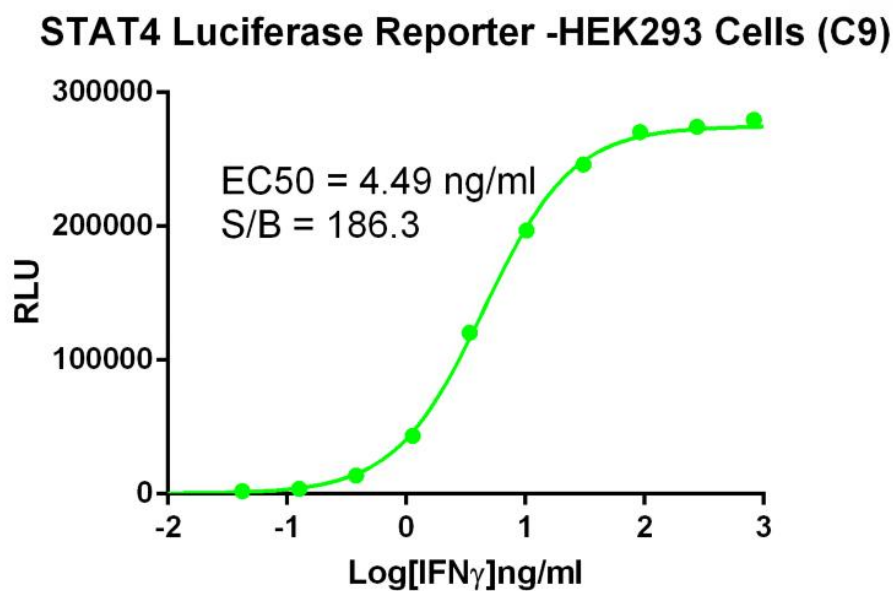


Figure 1. Detect Luciferase assay by Ultra Luciferase Detection Kit CBPH0001 (we strongly suggest to purchase from Cobioer).STAT4 Luciferase Reporter -HEK293 Cells (C9).

