Indatuximab ELISA试剂盒(靶标：)

Indatuximab ELISA Kit

货号：RB9T37014684

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37014684

中文名称
Indatuximab ELISA试剂盒(靶标：)

英文名称
Indatuximab ELISA Kit

应用
ELISA

登录号
P18827

检测方法
Colorimetric

灵敏度
0.156 μg/ml

检测范围
0.31-5 μg/mL

回收率
80-120%

样本类型
Plasma, Serum

检测类型

Quantitative

背景信息

Indatuximab ravtansine (BT062) is an antibody-drug conjugate (ADC) based on a murine/human chimeric form of B-B4 (CD138-specific antibody), which is covalently conjugated to the maytansinoid drug DM4 via a disulfide bond-based linker. Maytansinoids are structural analogs of the cytotoxic agent maytansine, which has been evaluated in phase I and phase II clinical trials. They exhibit anti-mitotic activity by inducing metaphase arrest of dividing cells, causing cell death. Upon internalization of indatuximab ravtansine by target tumor cells, lysosomal processing of the disulfide linker generates a lysine metabolite which is reduced and S-methylated producing the lipophilic and cytotoxic metabolite, S-methyl-DM4. The mechanism of action of indatuximab ravtansine resembles that of trastuzumab emtansine, an antibody-drug conjugate indicated for HER2-positive metastatic breast cancer which uses the HER2-targeting properties of trastuzumab to deliver the cytotoxic DM1 within the cell by means of a stable linker. The intracellular drug delivery to target tumor cells can improve the therapeutic index of the cytotoxic drug and minimize exposure of normal tissue. Indatuximab ravtansine has previously been shown in vivo in multiple myeloma mouse xenograft models to significantly inhibit tumor growth and prolong host survival without any toxicity signals. Based on these preclinical results, a phase I clinical trial of indatuximab ravtansine demonstrated the first signs of clinical activity in patients with relapsed or refractory multiple myeloma without any toxicity signals. Furthermore, preliminary data from a phase I/IIa study in relapsed or refractory multiple myeloma indicated that indatuximab ravtansine is well tolerated even in a multiple-dose schedule and provided further evidence of clinical activity. Indatuximab ravtansine is being investigated as part of a treatment for multiple myeloma.

别名

BT-062, nBT062-DM4, Indatuximab ravtansine(1238517-16-2)

稳定性和储存

The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition.

运输条件

2-8 ℃

For Research Use Only.