Teprotumumab ELISA试剂盒(靶标：)

Teprotumumab ELISA Kit

货号：RB9T37014640

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
RB9T37014640

中文名称
Teprotumumab ELISA试剂盒(靶标：)

英文名称
Teprotumumab ELISA Kit

应用
ELISA

登录号
P08069

检测方法
Colorimetric

检测范围
62.5 ng/mL - 4, 000 ng/mL

回收率
80-120%

样本类型
Plasma, Serum

检测类型
Quantitative

背景信息

Teprotumumab is a human IgG1 monoclonal antibody directed against the insulin-like growth factor 1 receptor (IGF1R) that is used in the therapy of Graves ophthalmopathy (thyroid eye disease). Graves disease is an autoimmune disease associated with autoantibodies, hyperthyroidism and a distinctive form of eye disease marked by ocular inflammation and proptosis causing eye pain, dryness, redness, and swelling which if severe can cause diplopia (double-vision) and loss of vision. Graves ophthalmopathy is associated with autoantibodies to thyrotropin and hypertrophy of ocular fibroblasts which overexpress the IGF1 receptor. Teprotumumab causes inhibition of IGF1 binding to its receptor and preventing cell activation. IGF1 is a potent modulator of cell growth and inhibitor of programmed cell death, acting via the PI3K-AKT-mTOR pathway. The inhibition of IGF1 signaling decreases fibroblast proliferation and hypertrophy.

别名

RO4858696-000, 1036734-93-6

稳定性和储存

When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%. For unopened kits, if you want to prolong the storage time, please store the Standard, Detection A, Detection B and Microplate at - 20℃, the rest reagents should be store at 4℃.

运输条件

2-8 ℃

For Research Use Only.