Tovetumab ELISA试剂盒(靶标：)

Tovetumab ELISA Kit

货号：RB9T37014673

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
RB9T37014673

中文名称
Tovetumab ELISA试剂盒(靶标：)

英文名称
Tovetumab ELISA Kit

应用
ELISA

登录号
P16234

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

Tovetumab (MEDI-575) is a fully human IgG2κ monoclonal antibody that specifically binds to human platelet-derived growth factor receptor alpha (PDGFRα) and blocks receptor signal transduction by PDGF ligands. The affinity of tovetumab determined using surface plasmon resonance technology and flow cytometry demonstrated comparable binding affinity for human and monkey PDGFRα. In single and repeat-dose monkey pharmacokinetic-pharmacodynamic (PK-PD) studies, tovetumab administration resulted in dose-dependent elevation of circulating levels of PDGF-AA, a member of the PDGF ligand family, due to displacement of PDGF-AA from PDGFRα by tovetumab and subsequent blockade of PDGFRα-mediated PDGF-AA degradation. As such, PDGF-AA accumulation is an indirect measurement of receptor occupancy and is a novel PD biomarker for tovetumab. The nonlinear PK of tovetumab and dose-dependent increase in circulating PDGF-AA profiles were well described by a novel mechanistic model, in which tovetumab and PDGF-AA compete for the binding to PDGFRα.

别名

MEDI-575, 1243266-04-7

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.