Example) Human VEGF Immunoassay(#DVE00)의 Specificity test 결과

-모든 제품의 insert에는 해당 제품에 대한 specificity data가 포함되어 있습니다.

SPECIFICITY

This assay recognizes both natural and recombinant human VEGF. The factors listed below were prepared at 50 ng/mL in Calibrator Diluent RD5K and Calibrator Diluent RD6U, and assayed for cross-reactivity. Preparations of the following factors at 50 ng/mL in a mid-range VEGF control were assayed for interference.

VEGF-related factors showing cross-reactivity or interference.

rhVEGF R1 (Flt-1)/Fc Chimera	Interference at levels equal to or greater than 500 pg/mL
rhVEGF R2 (KDR)/Fc Chimera	Interference at levels equal to or greater than 2000 pg/mL
rmVEGF R1	Interference at levels equal to or greater than 500 pg/mL
rmVEGF R2	Interference at levels equal to or greater than 4000 pg/mL
rcaVEGF	Cross-reacts at about 67%

The following factors showed no cross-reactivity or interference.

Recombinant human:
ANG
AR
CNTF
β-ECGF
EGF
Epo
FGF acidic
FGF basic
FGF-4
FGF-5
FGF-6
FGF-7
G-CSF
GM-CSF
sgp130
GROα
GROβ
GROγ
HB-EGF
HGF
IFN-γ
IGF-I
IGF-II
IL-1α
IL-1β

IL-1ra
IL-1 sRI
IL-1 sRII
IL-2
IL-2 sRα
IL-3
IL-3 sRα
IL-3 sRβ
IL-4
IL-5
IL-5 sRα
IL-6
IL-6 sR
IL-7
IL-8
IL-9
IL-10
IL-11
IL-12
IL-13
LAP (TGF-β1)
LIF
M-CSF
MCP-1
MIP-1α

MIP-1β
β-NGF
OSM
PD-ECGF
PDGF-AA
PDGF-AB
PDGF-BB
PlGF
PTN
RANTES
SCF
SLPI
TGF-α
TGF-β1
TGF-β3
TGF-β sRII
TNF-α
TNF-β
sTNF RI
sTNF RII
VEGF$_{165}$/PlGF
VEGF-B$_{167}$
VEGF-C
VEGF-D
VEGF R3

Recombinant mouse:
GM-CSF
IL-1α
IL-1β
IL-3
IL-4
IL-5
IL-6
IL-7
IL-9
IL-10
IL-13
LIF
MIP-1α
MIP-1β
PlGF-2
SCF
TNF-α
VEGF$_{120}$
VEGF$_{164}$
VEGF R3

Recombinant rat:
VEGF

Recombinant chicken:
TGF-β3

Recombinant amphibian:
TGF-β5

Recombinant zebrafish:
VEGF

Natural proteins:
mouse EGF
bovine FGF acidic
bovine FGF basic
human PDGF
porcine PDGF
human TGF-β1
porcine TGF-β1

여러 번의 test를 반복하여 다양한 제품에 대한 cross-reactivity가 없음을 확인하여 R&D Systems 만의 Quality를 보장해 드립니다.

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