MABTECH

Analysis of **Bovine IFN-γ** by ELISA and ELISpot

Interferon-γ (IFN-γ) is a pro-inflammatory cytokine produced by activated T cells and NK cells. Antigen-specific secretion of IFN-γ is often analyzed in studies of infectious diseases, and ferrets have been used as a model to investigate immune responses to e.g. influenza. ELISA is used to quantify IFN-γ in solution whereas ELISpot is used to analyze frequencies of T cells responding to antigen by secreting IFN-γ.
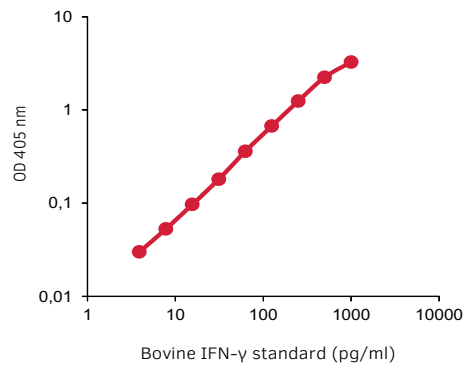
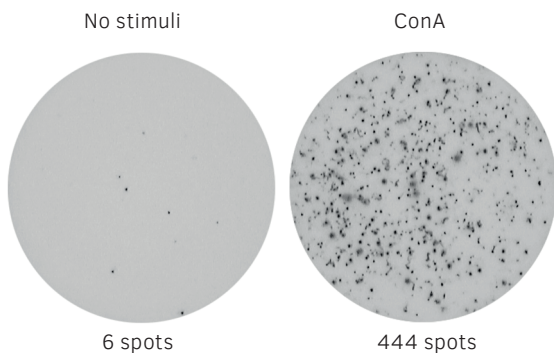## Available formats

Antibodies

ELISA

ELISpot

Flow cytometry

We provide **ELISA** development kits for detection of bovine IFN-γ. The graph shows a representative standard curve.

No stimuli

ConA

6 spots

444 spots

For IFN-γ analysis by **ELISpot** we offer basic ELISpot kits as well as kits supplied with pre-coated plates. In the image, bovine PBMCs were incubated overnight with or without ConA.

Isotype Control-FITC
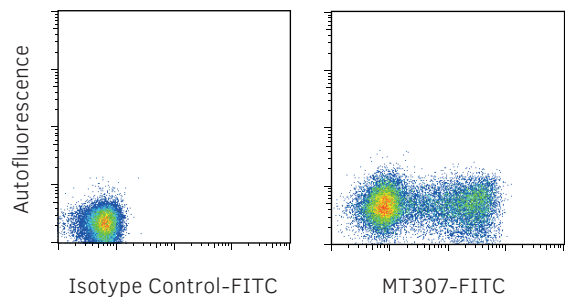
MT307-FITC

Detection of IFN-γ by **flow cytometry** in bovine PBMCs stimulated with PMA/Ionomycin for 16h in the presence of Brefeldin A. The cells were stained with anti-bovine IFN-γ mAb MT307-FITC or a matched isotype control antibody.

See the back for a list of all bovine IFN-γ products →

PRODUCT	SIZE	CODE
Monoclonal antibodies		
anti-bovine IFN-γ mAb MT17.1, purified	250 μg/1 mg	3119-3-**250/1000**
anti-bovine IFN-γ mAb MT307, biotinylated	250 μg/1 mg	3119-6-**250/1000**
anti-bovine IFN-γ mAb MT307, FITC	100 tests	3119-7
ELISA		
Bovine IFN-γ ELISA development kit (ALP)	for 6 or 20 plates	3119-1A-**6/20**
Bovine IFN-γ ELISA development kit (HRP)	for 6 or 20 plates	3119-1H-**6/20**
ELISpot		
Bovine IFN-γ ELISpot^BASIC (ALP)	for 4 plates	3119-2A
Bovine IFN-γ ELISpot^BASIC (HRP)	for 4 plates	3119-2H
Bovine IFN-γ ELISpot^PLUS (ALP)	2 or 10 white plates	3119-4APW-**2/10**
Bovine IFN-γ ELISpot^PLUS (HRP)	2 or 10 white plates	3119-4HPW-**2/10**