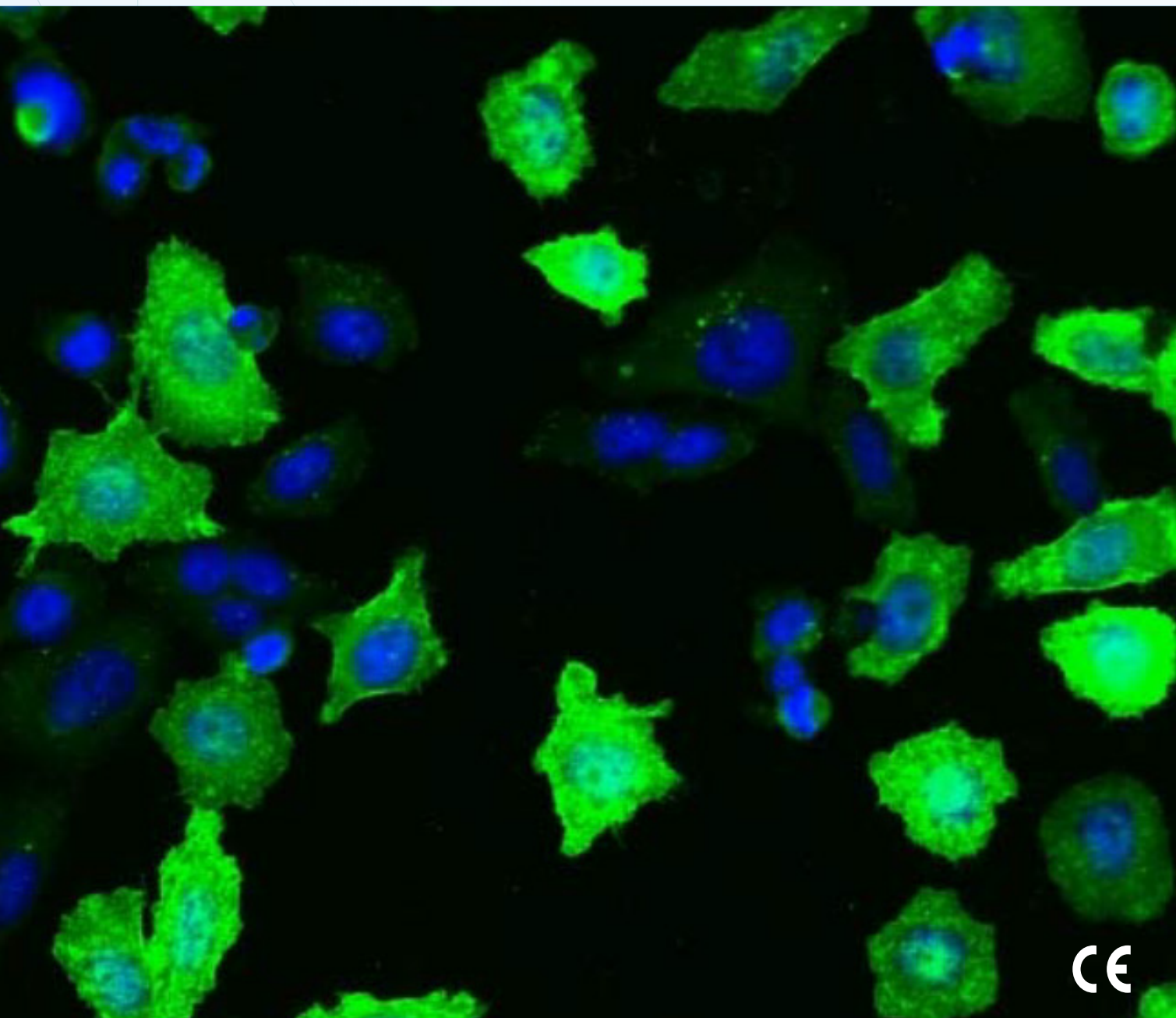


Anti-MuSK IFA

Cell-based immunofluorescence assay (IFA) for the detection of antibodies to Muscle-Specific Tyrosine Kinase (MuSK)



Product Highlights

- Serological marker for seronegative myasthenia gravis
- Qualitative and semi-quantitative determination of IgG antibodies against MuSK
- Sensitive cell-based assay with transfected cells

YOUR RELIABLE PARTNER IN DIAGNOSTICS

30 Years of Experience, 150 Partners in more than 100 Countries

Anti-MuSK IFA

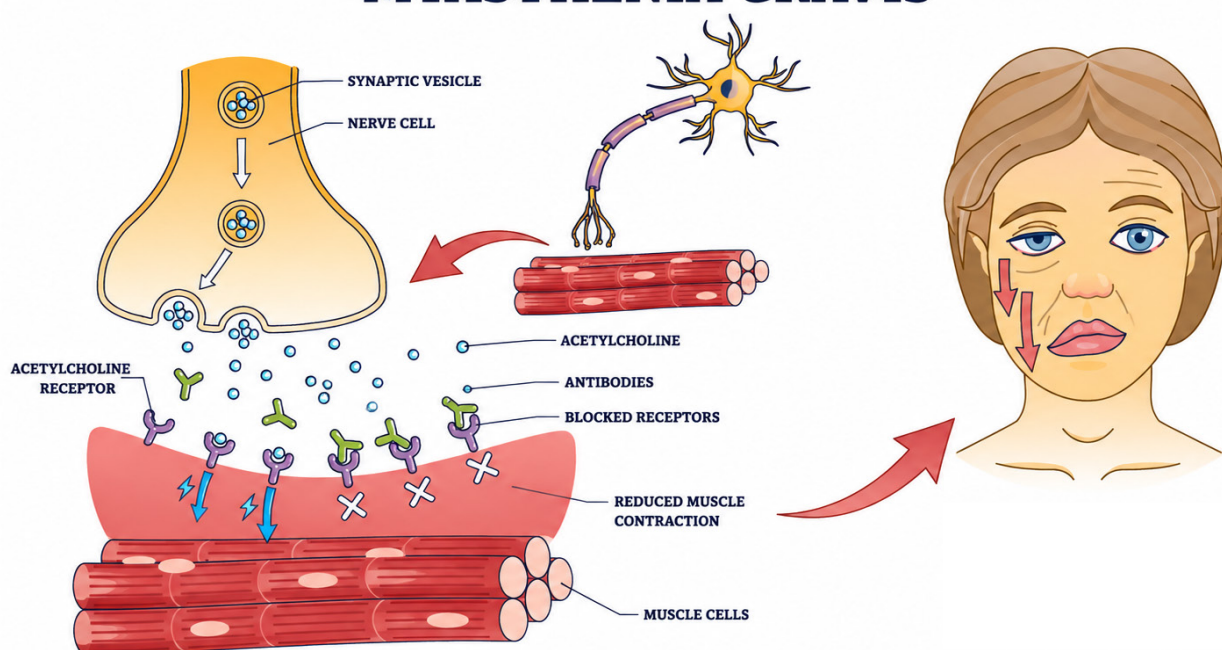
A Diagnostic Tool for Myasthenia Gravis

Myasthenia gravis (MG)

Myasthenia gravis (MG) is a neurological disease characterized by impaired signal transmission between nerves and muscles. The clinical presentation is characterized by exercise-induced muscle weakness of the skeletal muscles, which typically worsens throughout the day and improves after periods of rest. MG is an autoimmune disease caused by autoantibodies against structures of the postsynaptic membrane in the area of the neuromuscular endplate of striated muscles.

The most common antibodies are those against the acetylcholine receptor (AChRAb), accounting for around 85% of cases. In some cases, these antibodies are not detectable and the condition is referred to as "seronegative MG". In these patients, antibodies against the muscle-specific tyrosine kinase (MuSK) can be detected in up to 10 per cent of cases. Other possible antibodies are directed against LRP4. In certain patients with a high probability of having myasthenia gravis, no antibodies can be detected.

MYASTHENIA GRAVIS



Anti-MuSK IFA

Reliable Detection through Parallel Testing

Anti-MuSK IFA Assay

The Anti-MuSK IFA is a cell-based assay using MuSK-transfected and untransfected HEp-2 cells in parallel. Specific anti-MuSK antibodies produce a characteristic cytoplasmic fluorescence pattern in the transfected cells. Fluorescence on both transfected and untransfected cells may indicate antibodies against other HEp-2 cell components (i.e. ANA) and is not indicative of MuSK antibodies.

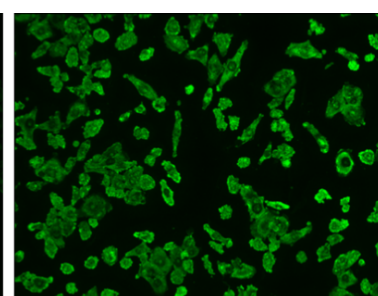
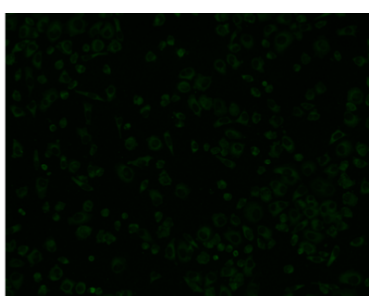
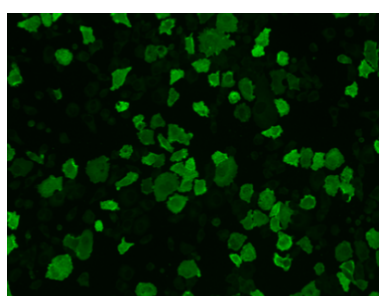


Anti-MuSK IFA slide

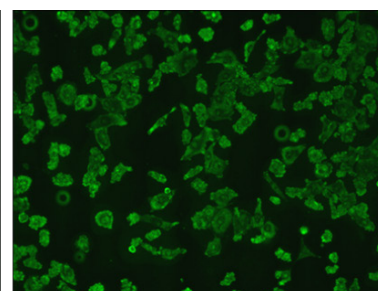
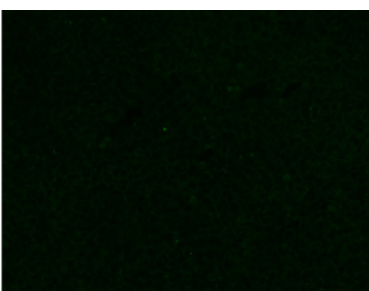
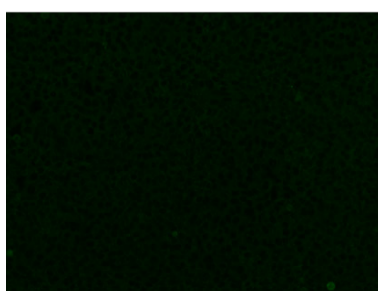


Parallel processing to exclude cross-reactivity and unspecific binding

HEp-2 MuSK



HEp-2

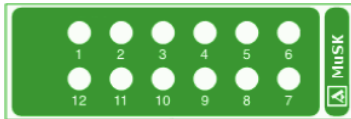


MuSK antibodies present
(positive serum)

MuSK antibodies absent
(negative serum)

Unspecific reaction with HEp-2
cell components e.g. ribosomal

Manual Assays



Anti MuSK IFA

- Qualitative and semi-quantitative cell-based assay (HEp-2) for the determination of IgG antibodies against muscle-specific tyrosine kinase (MuSK).
- Aids in the diagnosis of seronegative myasthenia gravis.
- Designed for manual *in vitro* diagnostic use.
- Complements other clinical and laboratory findings for a comprehensive evaluation of myasthenia gravis.

Product Information

Anti-MuSK IFA



Contact

GA Generic Assays GmbH

Ludwig-Erhard-Ring 3
15827 Blankenfelde-Mahlow OT Dahlewitz
Germany

Phone +49 33708 9286 0

Fax +49 33708 4417 25

info@genericassays.com

www.genericassays.com

Order Information

Anti-MuSK IFA

60 (10 x 6) Determinations

REF 8049

Version 002