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VIROTECH Vaccination Panel



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Diphtheria

The Diphtheria ELISA is intended for the quantitative detection of IgG antibodies against the Diphtheria toxin to follow-up the success of vaccinations and to determine the immunisation status.

IU/ml	Recommended vaccination
<0,1	basic immunisation immediately
0,1 - 1,0	booster vaccination immediately
1,0 - 1,4	booster vaccination after 5 years
1,4 - 2,0	booster vaccination after 7 years
>2,0	booster vaccination after 10 years

The recommendations correspond to the specifications provided by the WHO for long-term immunisation (antibody concentration > 1 IU/ml)¹

¹ Weekly epidemiological record, 2006, 81, 21-32, WHO

Tetanus

The Tetanus ELISA is intended for the quantitative detection of IgG antibodies against the Tetanus toxoid to follow-up the success of vaccinations and to determine the immunisation status.

IU/ml	Recommended vaccination
< 0.01	No vaccine protection
0,01 - 0,1	Vaccine protection uncertain
0,11- 0,5	Vaccine protection provided
> 1.0 - 5.0	Booster vaccination after >5 years
>5.0 - 10.0	Booster vaccination after >8 years
>10	Booster vaccination after >10 years

For more details please refer to our IFU

Diphtheria /Tetanus ELISA

Diphtheria ELISA IgG, 96 wells

Order No.: EC129.00

Tetanus ELISA IgG, 96 wells

Order No.: EC124.00

Both assays can be interpreted by using 6 Standards (provided in the kits) or 4PL Method

Software solution is available - contact us for more information!

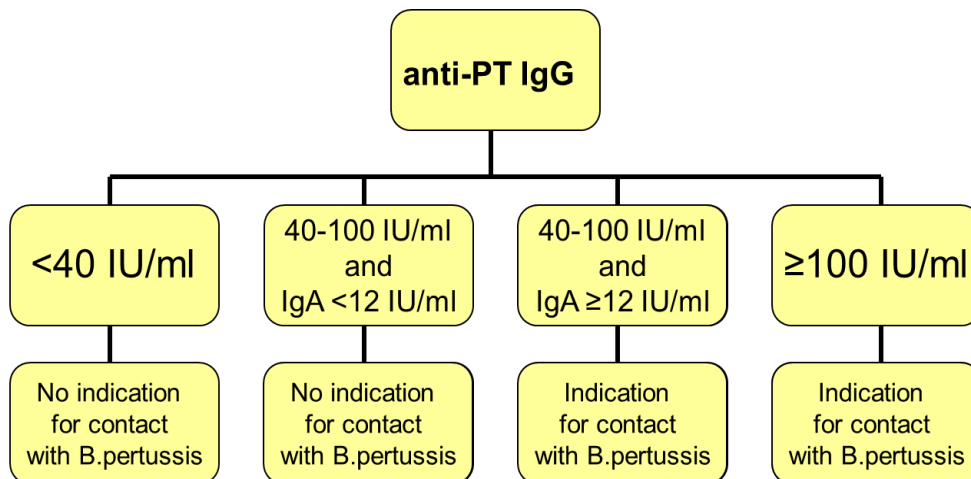


Pertussis Toxin (PT) ELISA

The Pertussis Toxin ELISA is intended for the semiquantitative and qualitative detection of IgG- or IgA-antibodies in human serum. It is intended for the detection of an acute or recent infection respectively for the detection of vaccination antibodies (check of vaccination success). It is also possible to quantify the IgG in international units per ml (IU/ml) by using the IgG Quantification Set (EN215Q60) which is supplied separately.

Diagnostic of a Pertussis Infection

referring to the recommendations of the European Reference Centers²



²Performance of Commercial Enzyme-Linked Immunosorbent Assays for Detection of Antibodies to Bordetella pertussis; C. H. Wirsing von Koenig et al., JCM, Dec 2010, p4459-4463

Advantages of the VIROTECH Pertussis Toxin ELISA

- ▼ Adjusted to the **WHO-Standard** [IU/ml]
- ▼ Following the recommendations of the European Reference Centers, **2 cut-offs** are adjusted: a lower limit of 40 IU/ml and an upper limit of 100 IU/ml
- ▼ Adjustment of the cut-off limit in IgA - as recommended - to 12 IU/ml

Pertussis Toxin ELISA

Pertussis Toxin ELISA IgG, 96 wells

Order No.: EC215G00

Pertussis Toxin ELISA IgG, Quantification-Set

Order No.: EN215Q60

Pertussis Toxin ELISA IgA, 96 wells

Order No.: EC215A00

Evaluation in [IU/ml] by using 4PL Method

Software solution is available - contact us for more information!

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