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## FAQ

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**Q.**Does Neuramidase treatment require for the sample?



**IBL**

**A.**No it doesn't. There is no much different for the result between with and without Neuramidase.

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**Q.**I found the recommended dilution ratio is between 200 and 800 fold. That is quite a wide range. What is the most optimized dilution ratio?



**IBL**

**A.**Some samples have a very high value of Gd-IgA1 and such samples would be range over that why the recommended dilution ratio is wide. We recommend to start from 200 fold dilution and find the best dilution ratio for your samples. The optimized dilution ratio should be determined by each user.

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**Q.**How much is approx. normal IgA in blood?



**IBL**

**A.**Total IgA is approx 1-4mg/mL in blood.

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**Q.**How much is approx. normal Gd-IgA in blood?



**IBL**

**A.**As it is approx 1,000 ng/mL in blood, more than 200 fold dilution is recommended for measurement.

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**Q.**What is the material used for the standard?



**IBL**

**A.**It is intact IgA1 (IgA Fab+Fc).

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**Q.**What the standard is IgA1 instead of Gd-IgA1?



**IBL**

**A.**As certain amount of Gd-IgA1 is also contained in normal subject blood samples and the capture antibody(KM55 monoclonal antibody) used in this kit specifically detects Gd-IgA1 so that human IgA1 is applied as the standard.

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**Q.**What is the dilution ratio for urine sample?





**A.**Recommended dilution ratio is 2-4 fold using "4 EIA buffer" enclosed in this kit.

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**Q.**Is composition of EIA buffer of each ELISA kit all same? Can it be mixed to use?  
ELISA common FAQ



**A.**No it isn't. As constitute of each EIA buffer is different, it cannot be mixed with other lots or EIA buffers contained in other kind of ELISA kits.

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**Q.**What is the composition of concentrated wash buffer?  
ELISA common FAQ



**A.**It contains ordinary Tween and phosphate buffer (0.05% Tween-20 in PB).

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**Q.**What is the feature of the plate?  
ELISA common FAQ



**A.**We use plate that is flat bottom and removable strip type plate (8wellx 12 strips).

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**Q.**Can I re-use standard after reconstitution?  
ELISA common FAQ



**A.**Not recommended to re-use standard after reconstitution. Please use it at once after the reconstitution.  
Please note that there are some exceptions. One time freeze-thaw the standard is acceptable for use after reconstitution for some ELISAs.  
Please check the details on each product datasheet.

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**Q.**What is different between reagent blank and test sample blank?  
ELISA common FAQ



**A.**Reagent blank means a well is only added EIA buffer and the purpose is confirming whether the measuring value is influenced by lack of washing process. Test sample blank means a well is added EIA buffer and HRP antibody and the purpose is to calculate the background.

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**Q.**How many samples can be measured by this kit?  
ELISA common FAQ



**A.**The pre-coated plate contained in our ELISA kit is 96 wells plate. We recommend to use 16 wells (2 slits) for standard and 80 wells (10 slits) for 40 samples in duplicate.

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**Q.**What is LOD (Limit of Detection)?  
ELISA common FAQ



**IBL**

**A.**It (LOD) is defined as sensitivity that is calculated using the NCCSL method. Please refer to a datasheet of each product.

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**Q.**What is LOQ (Limit of Quantification)?  
ELISA common FAQ



**IBL**

**A.**It (LOQ) is the lowest value of measurement (standard) range. Please refer to a datasheet of each product.

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**Q.**What is the definition of Over Night (O/N) reaction?  
ELISA common FAQ



**IBL**

**A.**It means that the reaction is required more than 16 hours unless otherwise specifically defined it on a datasheet of each ELISA product.

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**Q.**What is the specification of quality control for ELISA product release?  
ELISA common FAQ



**IBL**

**A.**The information of specification is available on individual lot specific CoA. Please contact us with your reference lot number for obtaining of specific CoA.

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**Q.**What is the number (e.g. 432143214321) at the edge of strips of the plate?  
ELISA common FAQ



**IBL**

**A.**According to the plate maker (ThermoFisher), it does not have any specific meaning as it is just the number of molds.

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