

计算：

以标准物的浓度为横坐标，OD 值为纵坐标，在坐标纸上绘出标准曲线，根据样品的 OD 值由标准曲线查出相应的浓度；再乘以稀释倍数；或用标准物的浓度与 OD 值计算出标准曲线的直线回归方程式，将样品的 OD 值代入方程式，计算出样品浓度，再乘以稀释倍数，即为样品的实际浓度。



（此图仅供参考）

试剂盒性能：

1. 样品线性回归与预期浓度相关系数 R 值为 0.95 以上。
2. 批内变异系数与批间变异系数应分别小于 10%和 15% 。

检测范围：

0.75 U/mL - 24 U/mL

灵敏度：

最低检测浓度小于 0.1 U/mL

保存条件及有效期：

1. 试剂盒保存： 2-8℃。
2. 有效期： 6 个月

Human NADH dehydrogenase

FOR RESEARCH USE ONLY

Drug Names

Generic Name : **Human NADH dehydrogenase (NADHD) ELISA Kit.**

Purpose

This kit allows for the determination of NADHD concentrations in Human serum, plasma, tissue homogenates and other biological fluids.

Principle of the assay

The kit assay Human NADHD level in the sample, use Purified Human NADHD antibody to coat microtiter plate wells, make solid-phase antibody, then add NADHD to the wells, Combined antibody which With HRP labeled, become antibody-antigen-enzyme-antibody complex, after washing Completely, Add TMB substrate solution, TMB substrate becomes blue color At HRP enzyme-catalyzed, reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of NADHD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Important notes

1. The kit takes out from the refrigeration environment should be balanced 15-30 minutes in the room temperature, ELISA plates coated if has not use up after opened, the plate should be stored in Sealed bag.
2. washing buffer will Crystallization separation, it can be heated the water helps dissolve when dilute . Washing does not affect the result.
3. add Sample with sampler Each step, And proofread its accuracy frequently, avoids the experimental error. add sample within 5 mins, if the number of sample is much , recommend to use Volley .
4. if the testing material content is excessively higher (The sample OD is bigger than the first standard well),please dilute Sample (n-fold), Please diluente and multiplied by the dilution factor. ($\times n \times 5$) .
5. Closure plate membrane only limits the disposable use, to avoid cross-contamination.
6. The substrate evade the light preservation.
7. Please according to use instruction strictly, The test result determination must take the microtiter plate reader as a standard.
8. All samples, washing buffer and each kind of reject should according to infective material process.
9. Do not mix reagents with those from other lots.

