

**"Compared to the incident changes on the level of lipoproteins
among users of Nandrolone decanoate hormone"**

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(Abstract)

The aims of the research are the following:

- 1 - Identifying the level of lipoproteins in a resting state to the two groups (control group and Nandrolone decanoate hormone group).
- 2 - Understand the differences levels of lipoproteins in athletes between two group .

The hypotheses of the research are:

- 1 - There are some differences between the measurements before and after the level of lipoproteins to the two groups (control group and a group of Nandrolone decanoate hormone) .
- 2 - there are some differences in dimensional measurements of lipoproteins level between the two groups .

The scopes of the study are:

- Subject scope : 40 weightlifters training in Zubair gym for bodybuilding.
- Time scope : 2/ 1 / 2013 until 15 / 6 /2013.
- Place scope : Zubair gym for bodybuilding - Zubair - Basra .

The researchers used the experimental method which included research sample (40) weightlifters training in the gym of Zubair bodybuilding. They were divided into two groups. The control group included weightlifters were trained only (do not use any supplement or steroid hormone), while the experimental group consisted of weightlifters who using hormone Nandrolone decanoate (25 g / month). The researchers then conducted a homogeneity of the two groups . (5 mm³) of blood was taken from all members of the two groups in a resting state in the first month and returned process after the expiration of six months. Then, they measured the level of lipoproteins (cholesterol, high-density lipoproteins, low density lipoproteins , triglycerides) to all the members of the research sample.