

What is the Connection of Blood Group with Lady Finger Likelihood?

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Abstract

Objective of present study was to correlate blood grouping with lady finger likelihood. 173 students were participated in the project studies who were students in Bahauddin Zakariya University, Multan, Pakistan. We observed blood group of different subjects and enlisted them according to their blood group connection with lady finger likelihood. During the sampling of subject, we asked them a question about our projects that are they like lady finger or not? It is concluded from the present study that B+ like the lady finger most and AB- like the lady finger least.

Keywords: Blood Group; Lady Finger; Likelihood

Introduction

Karl Landsteiner discovered ABO blood type in 1901. Gene of ABO is located on chromosome 9. Our blood group depends on what we have inherited from our parents. Due to the presence or absence of antigens and antibodies, there are different types of human blood groups. Antigens are on the surface of RBCs and antibodies are in the plasma of blood. According to the ABO blood typing system, there are four different kinds of blood types namely A, B, AB or O. Blood group A has antigen A and antibody B while blood group B has antigen B and antibody A. Blood group AB has both antigen A and B and no A or B antibodies while blood group O has neither A nor B antigens but have both A and B antibodies. O blood group people are "universal donors" and AB blood group people are "universal receivers"[1].

Rh blood group system is the second type in human blood transfusion, encoded by three genes C, D and E. The

RBCs in Rh system contain another antigen called RhD antigen, which may be positive or negative. If it is present then blood group will be positive but if it is absent then blood group will be negative. Hence, there will be eight blood groups such as A+, A-, B+, B-, AB+, AB-, O+ and O-[2].

Okra called as lady finger is a flowering plant. It has green seed pod. It is present in West African and South Asia. These species grow to around 2m tall. The leaves are 10 to 20 cm long and broad. The diameters of flowers are 4 to 5 cm, with 5 white yellow petals on which spots are present. The fruit is a capsule which is 18cm long in length. It is a fibrous fruit.

Okra is a new food having many benefits. So, try eating healthy portion of okra as regular vegetable which is rich in organic fruit. In okra vitamins A, B, and C are present in abundant amount. Also, some traces of zinc and calcium are present which make the okra plant as ideal

vegetable to eat during pregnancy period. It is actually a supplement of fiber and folic acid.

Objective of the present study was to correlate blood grouping with lady finger likeliness.

Materials and Method

Blood Grouping

We placed kit in front of us. We pricked our upper portion of finger with the picker and squeeze the finger until we got a big drop of blood. We made three spots of blood in considerable amount on a slide. We added a small drop of antiserum A, antiserum B and antiserum D. We mixed antiserum and blood with the picker (needle) so that they mix well. After few seconds, we observed in which blood sample agglutination take place. If agglutination took place in that sample in which we added antiserum A then the blood group of that sample will be A. Then we checked agglutination in that sample in which we added antiserum D, if agglutination takes place in that sample then the blood group will be A positive, if does not then the blood group will be A negative. Antiserum D drop shows the positivity or negativity of that blood. If agglutination takes place in B not in A then blood group

will be B and also in D then will be B positive, if not then B negative. Or agglutination in both A and B but not in D then blood group will be AB negative, but if also in D then blood group will be AB positive. But if agglutination occurs in neither A nor B then blood group will be O. Then came towards the D, if agglutination takes place in D then blood group of that person will be O positive and vice versa.

Project Designing

During the sampling of subject, we asked them a question about our projects that are they like lady finger or not? Total of 173 subjects were participated in the project study who were students in Bahauddin Zakariya University, Multan, Pakistan.

Statistical Analysis

Statistical analysis was performed by using MS Excel.

Result and Discussion

What is the connection of blood group with lady finger likeliness?. Lady finger likeliness with respect to blood group given in Table 1.

Blood group	Yes	Yes	No	No
	Male	Female	Male	Female
A+	3.5%	9.8%	3.5%	1.7%
A-	0.6%	0.6%	0%	0%
B+	4.0%	21.4%	1.7%	7.5%
B-	1.2%	1.2%	0%	0.6%
AB+	1.7%	2.9%	0%	1.7%
AB-	0%	0.6%	0%	0%
O+	7.5%	16.8%	2.3%	4.6%
O-	0%	4.0%	0%	1.7%

Table 1: The connection of blood grouping with lady finger likeliness.

Questionnaire based studies have given an important advancement in recent researches [3-10]. There is no research on connection of blood group with lady finger likeliness in the world.

Conclusion

It is concluded from the present study that B+ female like the lady finger most and AB- female like the lady finger least.

Blood group (1)
Rh (2)

Discussion

Questionnaire based studies have been given important outcomes in current researches [3-10].

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