

# Desiccation To My Family

# Acknowledgment

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### ملخص الدراسة

أجريت هذه الدراسة في السودان لتحديد وجود المستضدات ونسب الأنماط الظاهرية لنوعين من فصائل الدم وهي Kell-1,2 و ABO في أحد المجموعات العرقية في السودان (قبيلة البطاحين) .  
تم أخذ 100 عينة دم وريدي من متطوعين أصحاء وذلك طبقاً لخصائص محددة بإستخدام كرت إستبيان . تم فحص العينات بإستخدام محاليل المصل التقليدية لتحديد مستضدات ABO بينما أستخدمت لتقنية Gel ID لتحديد مستضدات kell .  
أستخدم برنامج التحليل الاحصائي بواسطة جهاز الحاسوب لتحليل البيانات وكانت النتائج المتحصل عليها كالآتي :-

النسبة المئوية	فصيلة الدم
45	O
31	A
14	B
10	AB
99	Kell -2
9	Kell – 1

كل من K-1 و K-1 أظهرت نسبة وجود عالية عند أصحاب الفصيلة (77% O) بينما أظهرت نسبة وجود معدومة عند أصحاب الفصيلة (0% AB) .

## Abstract

This descriptive study was conducted in Sudan to determine the presence of kell-1, kell-2 and ABO antigens and phenotypes frequencies among Albataheen ethnic group.

The study was carried out on 100 blood samples from apparently healthy volunteers according certain critrtia and interview using a questionnaire form. Each sample was tested using conventional antisera for ABO typing and ID Gel technology for kell detection SPSS computer program was used for data analysis results obtained showed the following frequencies of ABO and kell phenotype.

Blood Group	%
Blood group O	45
Blood group A	31
Blood group B	14
Blood group AB	10
Kell-2 Antigua	99
Kell-1 Antigua	9

Both kell-1 and kell-2 demonstrated their highest positivity O blood (77%) and least in the AB blood group (0.0%).

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