

CRIB Blood Group

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CRIB Blood Group Latest News

A new blood group CRIB, previously unidentified anywhere in the world, has been discovered in a South Indian woman from Kolar district in Karnataka.

About CRIB Blood Group

- It is part of the **Cromer (CR) blood group system** and, in recognition of its origin, has been officially named **CRIB**, with 'CR' representing 'Cromer' and 'IB' standing for 'India', 'Bangalore'.
- This historic announcement was made at the 35th Regional Congress of the **International Society of Blood Transfusion (ISBT)** held in Milan, Italy.
- It is a new blood group, previously unidentified anywhere in the world.
- After ten months of research and molecular testing, international experts identified a new antigen in the Cromer (CR) blood group system.
- The blood group nomenclature is decided by **the International Society of Blood Transfusion**.

- Identifying new antigens like **CRIB enhances global transfusion safety**, improves compatibility testing, and lays the foundation for better donor matching in future medical emergencies.
- **Cromer blood group system** involves **12 high-prevalence and 3 low-prevalence antigens** on decay-accelerating factor (DAF).

What are Rare Blood Types?

- Rare blood type is when a person's blood type **is present in only 0.1% of the population**.
- If a Rare type patient develops an antibody, they can only receive blood from another Rare Type donor.
- It poses serious challenges in emergency transfusions, organ transplants, and complex surgeries.

Source: TH

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