

Case Ref: POM 1234  
Date: 11 June 2024



**Alpha Biolabs™**  
Baby Gender Testing

## BABY GENDER TEST REPORT

Name of Mother: Sue Smith

### BABY GENDER RESULT

GIRL

#### Statement

The blood sample provided by Sue Smith was tested to determine the gender of her baby.

This baby gender DNA test screens cell-free DNA (cfDNA) from the baby (which circulates within the mother's bloodstream) for the presence of a Y-chromosome. Only males carry a Y-chromosome (males have XY chromosomes whereas females have XX chromosomes); the presence of a Y-chromosome in a maternal sample indicates that the baby is male. If a Y-chromosome is not detected, it indicates that the baby is female. If the mother is expecting twins, our result would indicate that both babies are female.

Testing is performed based on the assumption that the sample donor is at least 6 weeks into a viable pregnancy. Insufficient cfDNA within the maternal blood plasma sample may cause a false result.

#### Conclusion

A Y-chromosome was not detected indicating that there is a 99% chance that the baby is female.

Signed: Claire Thomas  
Position: Technical Manager

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