

REPORT ON WASPS EXERCISE W10/04

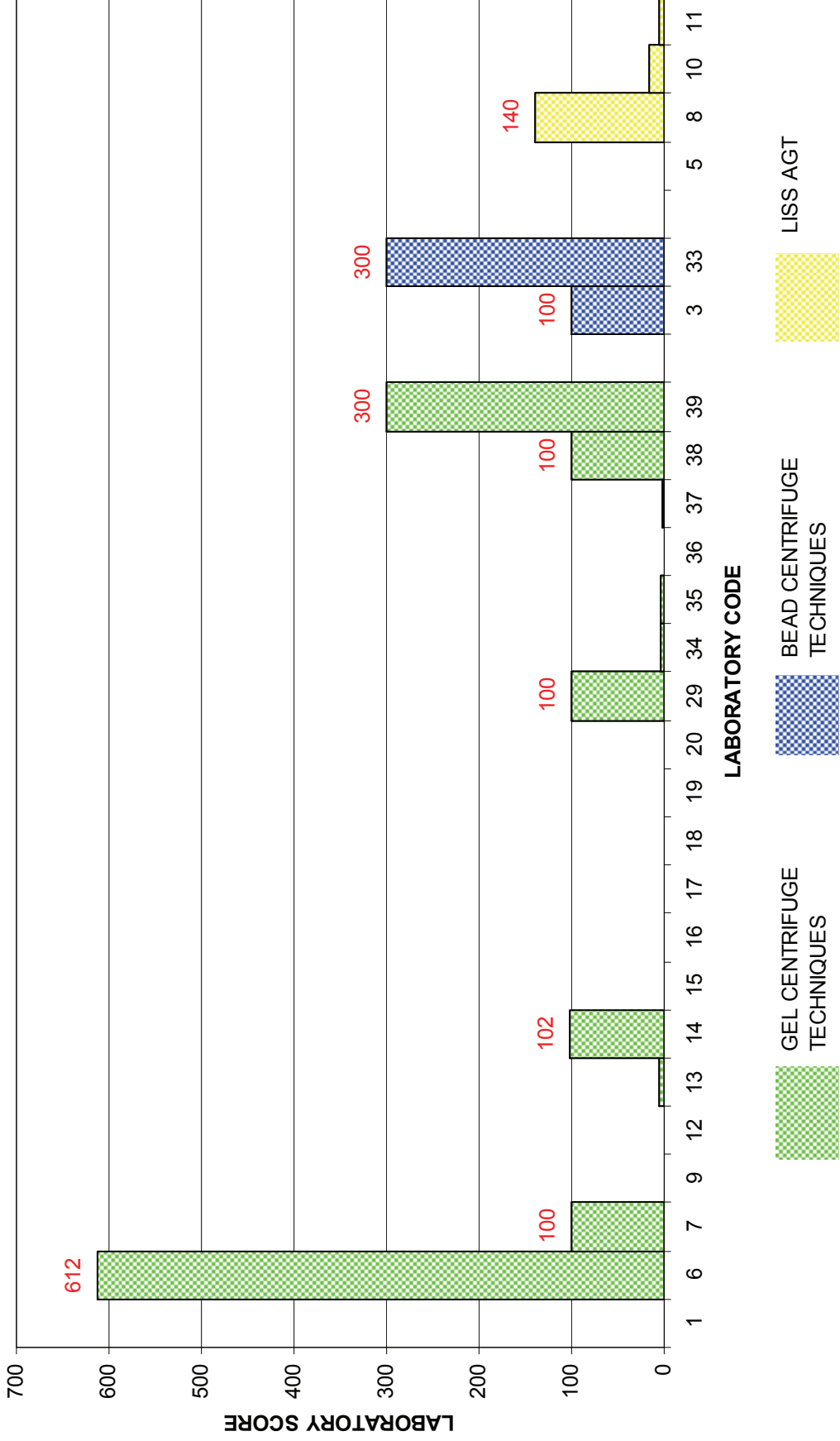
LABORATORY CODE NUMBER 00

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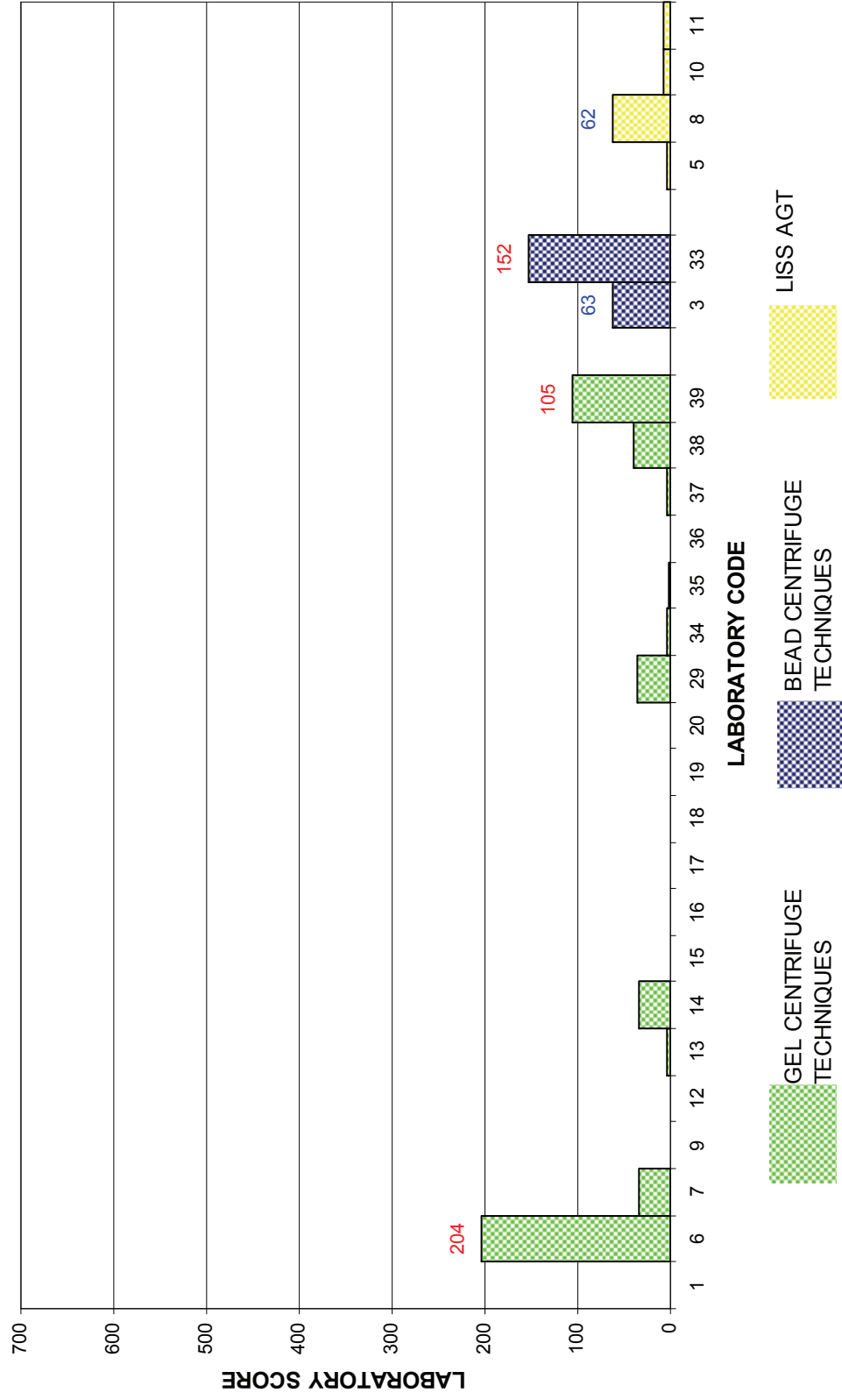


1. LABORATORY SCORE FOR EXERCISE W10/04



2. CUMULATIVE LABORATORY SCORE FOR THE LAST THREE EXERCISES

W10/04



4. EXERCISE DETAILS

AIM OF EXERCISE

The exercise examined performance in compatibility testing using anti-K, anti-E and a mixture of both against group O rr Kk, O R₁R₂ and O R₁R₂ Kk cells.

FORMULATION OF EXERCISE W10/04

	CELL W	CELL Y	CELL Z
Probable Phenotype	rr Kk	R ₁ R ₂ kk	R ₁ R ₂ Kk

SERUM 1	SERUM 2	SERUM 3	SERUM 4
Anti-K	Anti-E	Anti-K+E	Inert

5. RESULTS OF EXERCISE W10/04

DETECTION RATE

- * The anti-K vs Kk cells was detected in 1220/1220 instances (100%).
- * The anti-E vs R₁R₂ cells was detected in 1202/1220 instances (98.5%).
- * False positive reactions were recorded in 1/1525 instances (0.07%).

TECHNIQUES PERFORMED

Techniques performed	% Participants
LISS AGT	19
Gel Technique	73
Bead Technique	8

MODAL REACTION GRADE FOR EACH SERUM CELL COMBINATION

	SERUM 1			SERUM 2			SERUM 3			SERUM 4		
	W	Y	Z	W	Y	Z	W	Y	Z	W	Y	Z
LISS AGT	4	0	4	0	3	3	3	1	3	0	0	0
GEL TECHNIQUE	3	0	3	0	3	3	3	1	3	0	0	0
BEAD TECHNIQUE	4	0	4	0	3	3	3	1	3	0	0	0
OVERALL MODE	3	0	3	0	3	3	3	1	3	0	0	0

REPORT CONCLUSION

- ❖ Eighteen missed incompatibilities were recorded, all for serum 3 against cell Y. Diamed users missed thirteen incompatibilities, Biovue users four and LISS/AGT users one.
- ❖ One false positive reaction was recorded by a LISS/AGT user.