

REPORT ON WASPS EXERCISE W01/05

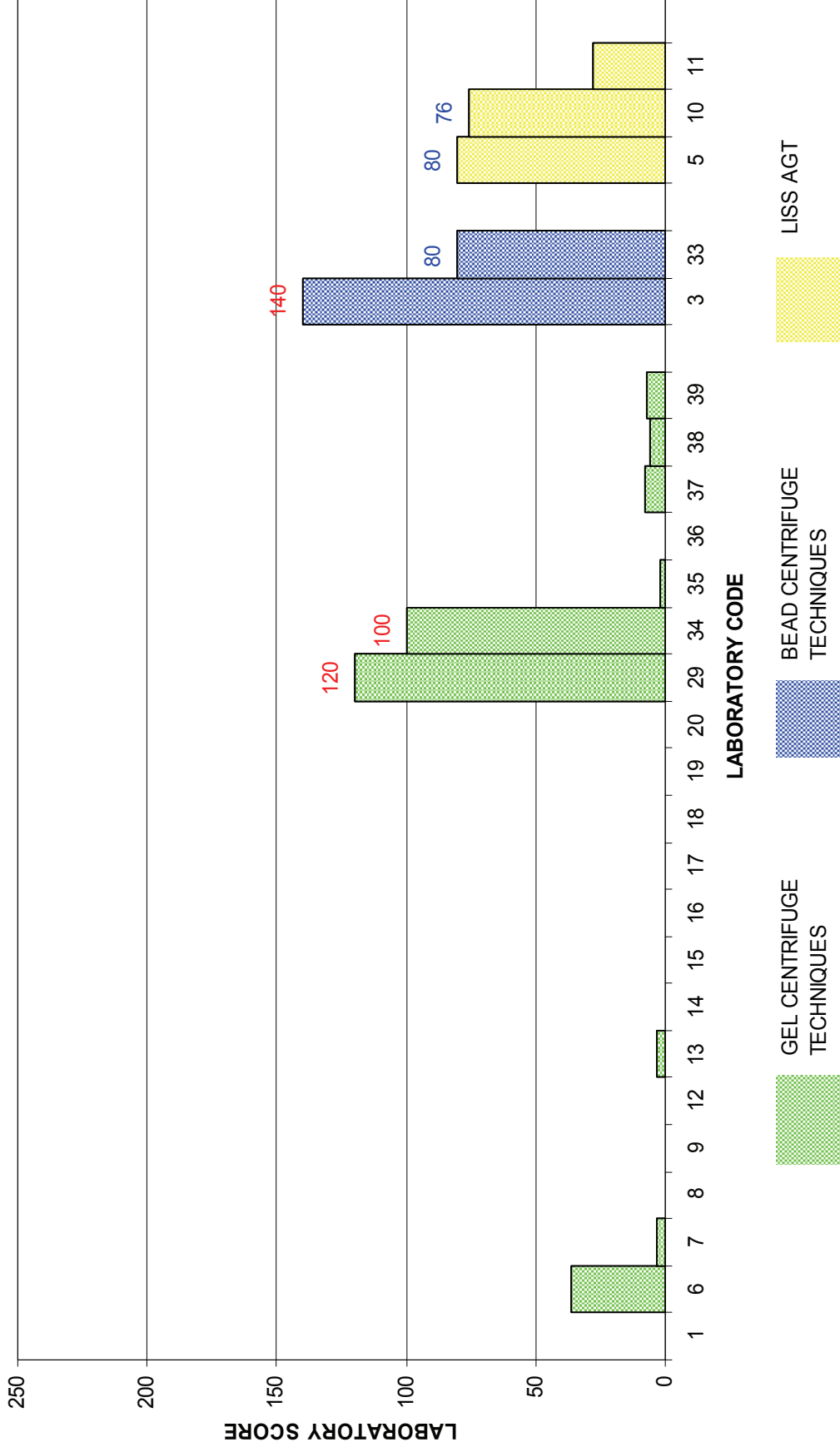
LABORATORY CODE NUMBER 00

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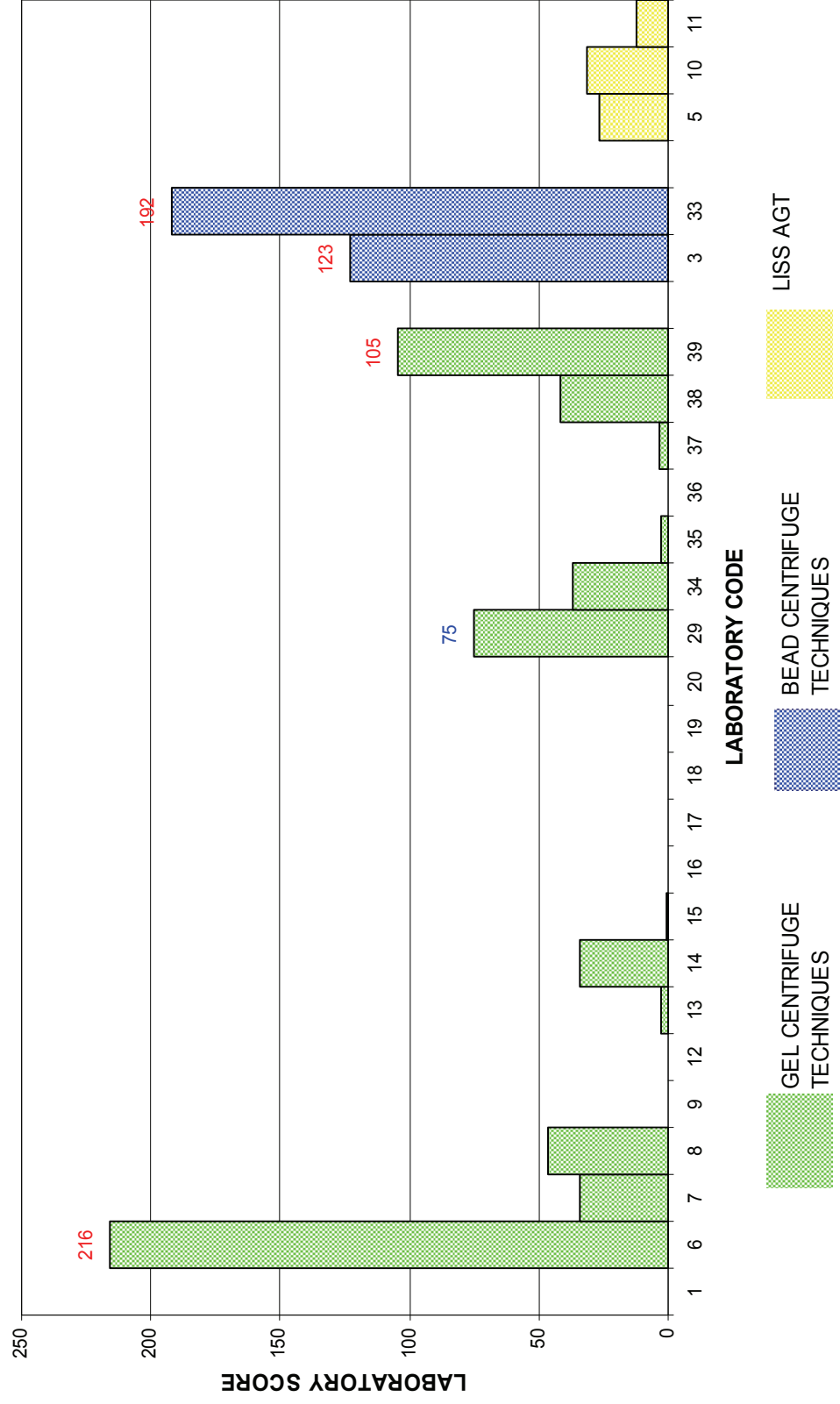


1. LABORATORY SCORE FOR EXERCISE W01/05



2. CUMULATIVE LABORATORY SCORE FOR THE LAST THREE EXERCISES

W01/05



4. EXERCISE DETAILS

AIM OF EXERCISE

The exercise examined performance in compatibility testing using anti-E, anti-Fy^a and a mixture of both against group O rr Fy(a+b+), O R₁R₂ and O R₁R₂ Fy(a+b+) cells.

FORMULATION OF EXERCISE W01/05

	CELL W	CELL Y	CELL Z
Probable Phenotype	rr Fy(a+b+)	R ₁ R ₂ Fy(a-b+)	R ₁ R ₂ Fy(a+b+)

SERUM 1	SERUM 2	SERUM 3	SERUM 4
Anti-E + Fy ^a	Anti-E	Inert	Anti-Fy ^a

5. RESULTS OF EXERCISE W01/05

DETECTION RATE

- * The anti-E vs R₁R₂ cells was detected in 1559/1560 instances (99.9%).
- * The anti-Fy^a vs Fy(a+b+) cells was detected in 1560/1560 instances (100%).
- * False positive reactions were recorded in 4/1560 instances (0.25%).

TECHNIQUES PERFORMED

Techniques performed	% Participants
LISS AGT	16
Gel Technique	78
Bead Technique	6

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	3	2	3	0	1	2	0	0	0	3	0	3
GEL TECHNIQUE	3	3	4	0	3	3	0	0	0	2	0	3
BEAD TECHNIQUE	3	2	3	0	1	2	0	0	0	3	0	3
OVERALL MODE	3	3	4	0	3	3	0	0	0	3	0	3

REPORT CONCLUSION

- ❖ The scheme is encouraged by participants 100% detection of anti-Fy^a.
- ❖ One missed incompatibility was recorded by a Biovue user.
- ❖ Four false positive reactions were recorded. Two by Biovue users, one Diamed user and one LISS/AGT user.