

REPORT ON WASPS EXERCISE W06/04

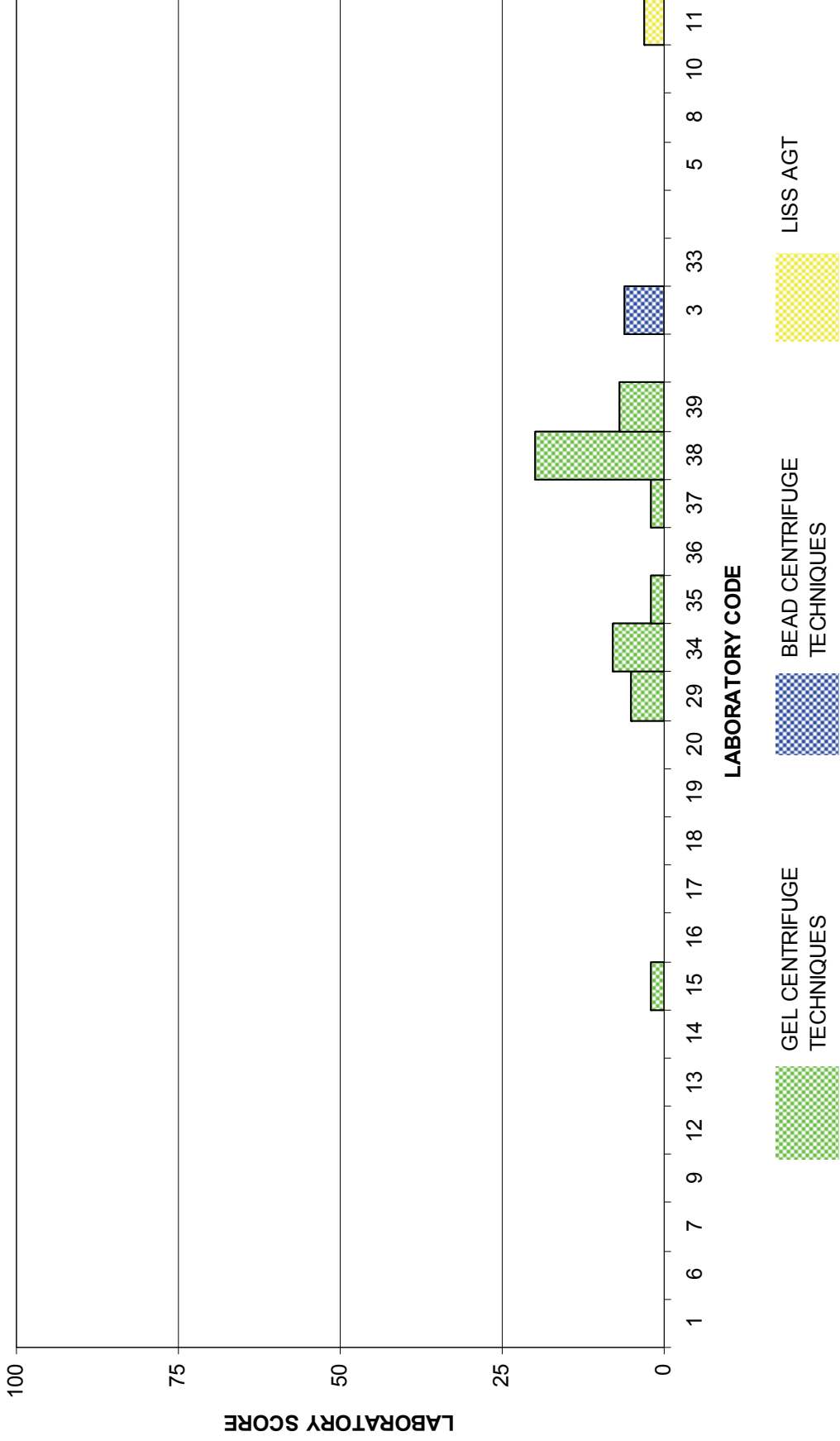
LABORATORY CODE NUMBER 00

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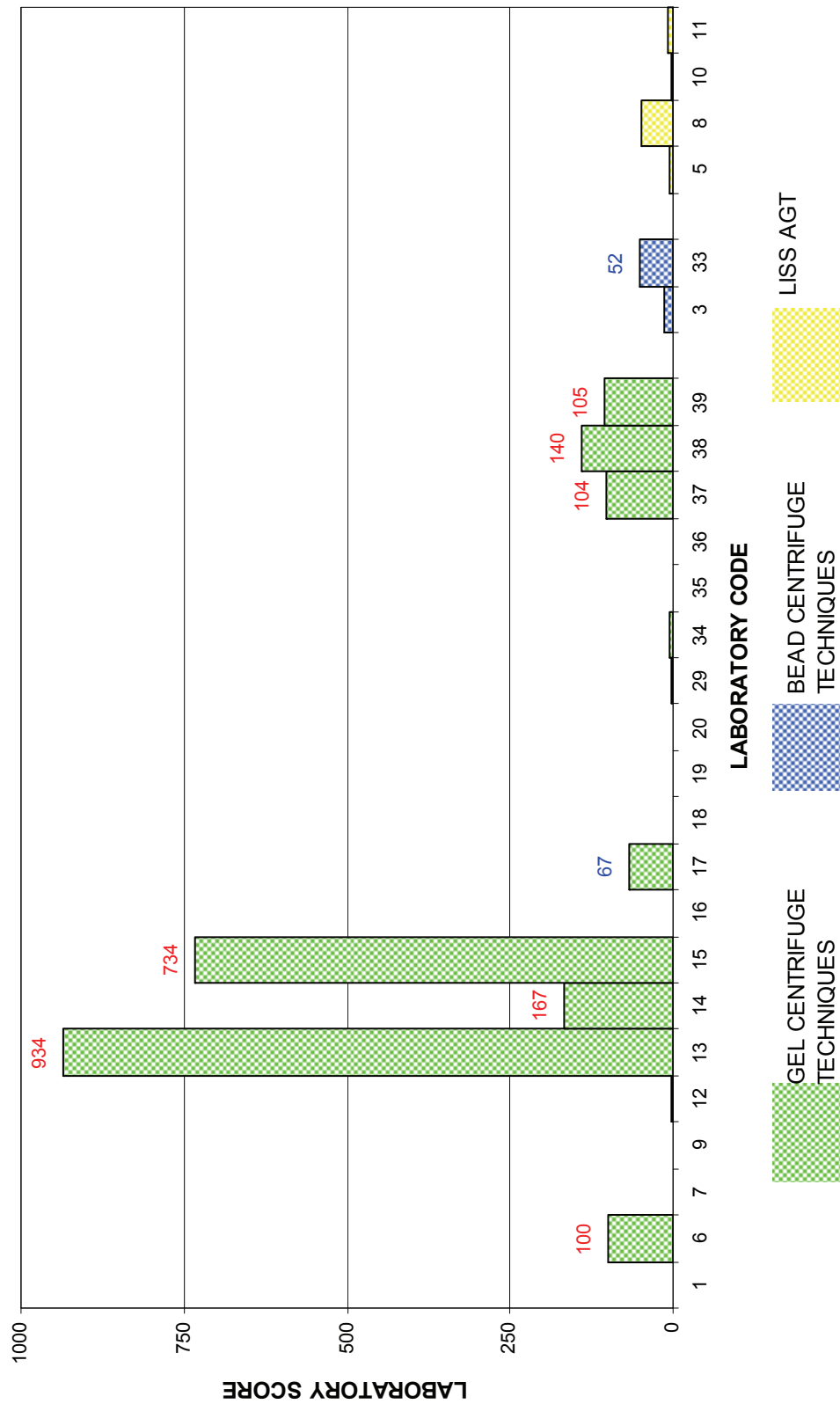


1. LABORATORY SCORE FOR EXERCISE W06/04



2. CUMULATIVE LABORATORY SCORE FOR THE LAST THREE EXERCISES

W06/04



4. EXERCISE DETAILS

AIM OF EXERCISE

The exercise examined performance in compatibility testing using anti-D at a concentration of 15iu/ml and 0.05iu/ml against group O R_{1r} cells. The exercise, a repeat of W06/00, aimed to assess the level of antibody carryover and provided a potent anti-D as Serum 1 followed by two inert anti-sera.

FORMULATION OF EXERCISE W06/04

	CELL W	CELL Y	CELL Z
Probable Phenotype	R _{1r}	R _{1r}	R _{1r}

SERUM 1	SERUM 2	SERUM 3	SERUM 4
Anti-D (~15iu/ml)	Inert	Inert	Anti-D (~0.05iu/ml)

5. RESULTS OF EXERCISE W06/04

DETECTION RATE

- * The anti-D vs R_{1r} cells was detected in 1842/1842 instances (100%).
- * False positive reactions were recorded in 9/1842 instances (0.49%).

TECHNIQUES PERFORMED

Techniques performed	% Participants
LISS AGT	16
Gel Technique	76
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	4	4	0	0	0	0	0	0	2	2	2
GEL TECHNIQUE	4	4	4	0	0	0	0	0	0	2	2	2
BEAD TECHNIQUE	5	5	5	0	0	0	0	0	0	3	2	2
OVERALL MODE	4	4	4	0	0	0	0	0	0	2	2	2

REPORT CONCLUSION

- * No missed incompatibilities were recorded. Seven Diamed users, one Biovue user and one LISS/AGT user recorded false positive reactions. Eight of these reactions occurred with serum 2, which may be attributable to carryover.
- * No laboratories were identified as unsatisfactory in this exercise.