

CENTRAL POULTRY LABORATORIES

WEEKLY REPORT

09.10.2025 TO 16.10.2025

Total Samples in This Week : 2,616

Total Tests in This Week : 5,642

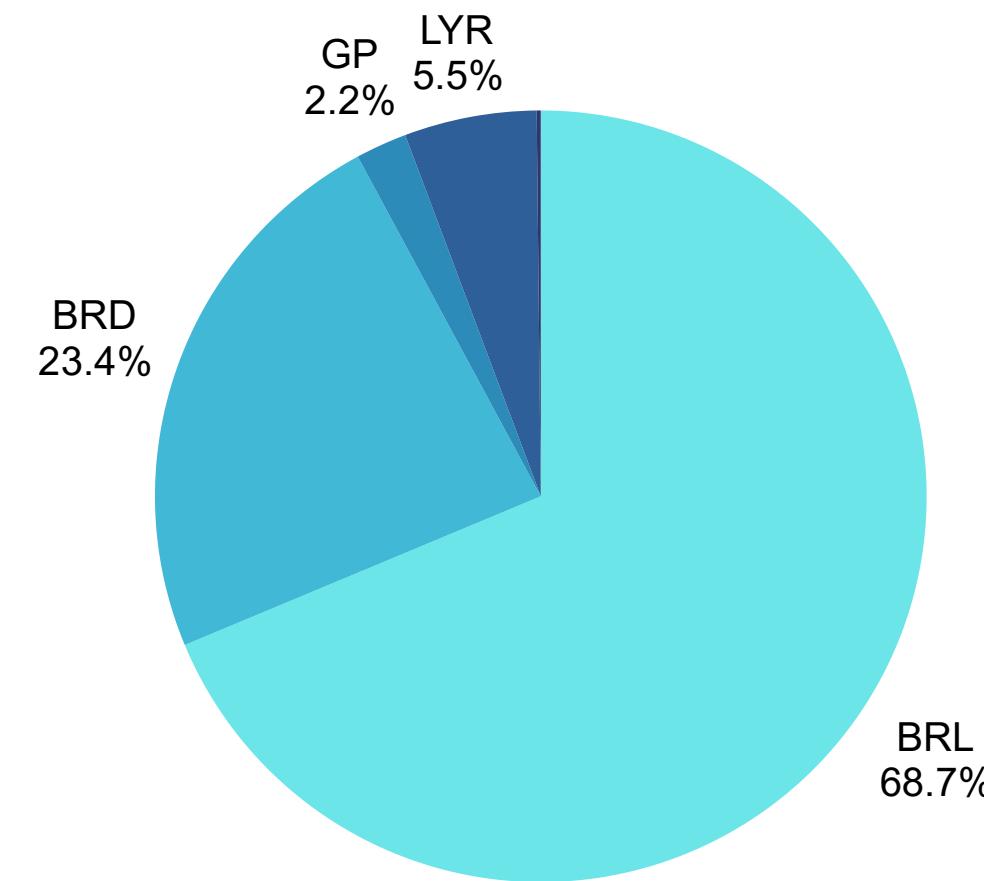


MICROBIOLOGY DEPT.

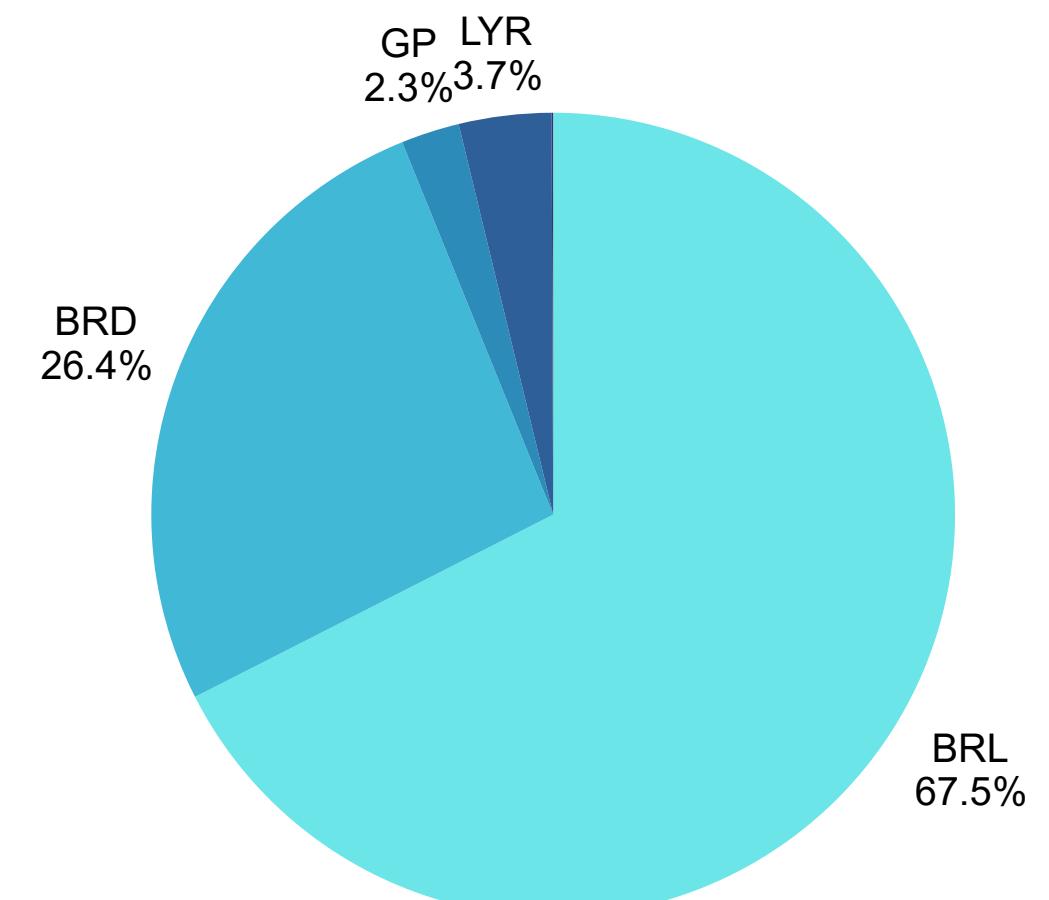
NO. OF SAMPLES : 1767

NO. OF TESTs : 4681

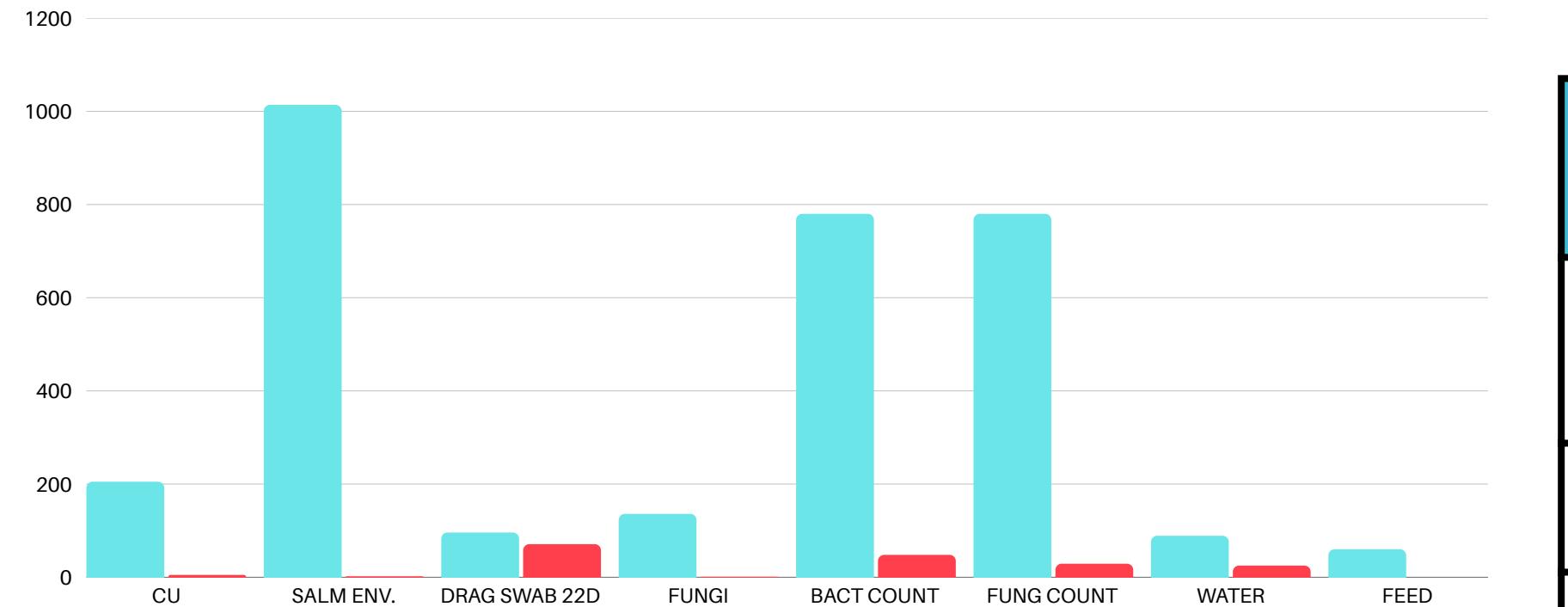
TYPE	TOTAL SAMPLES	TOTAL TESTS
BRL - BROILER	1214	3160
BRD - BROILER BREEDERS	414	1234
GP - GRAND PARENTS	38	110
LYR - LAYER	98	174
BRDL - LAYER BREEDERS	3	3



SAMPLES



TESTs

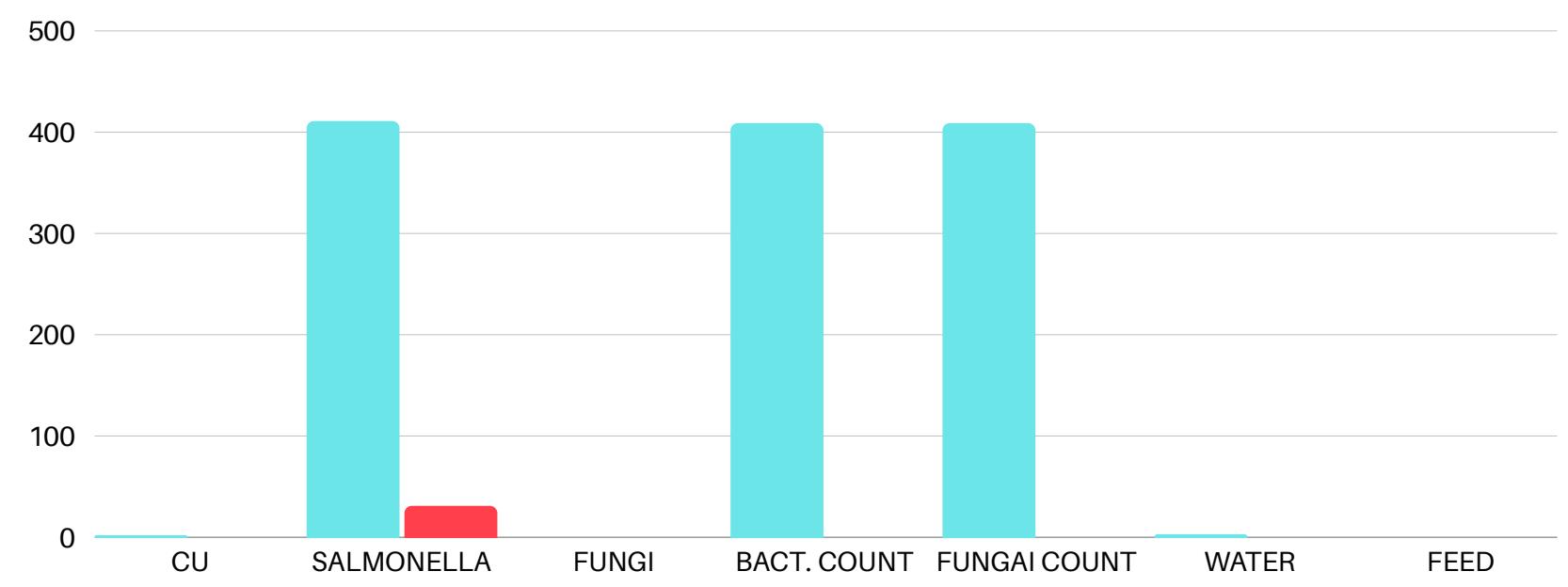


- Salmonella isolated from drag swabs in farms 28, 29, 30, 47, 49, and 50.
- Salmonella detected in live birds: Farm 4, House 8 (8 days) and Farm 49, House 4 (23 days).
- E. coli isolated from 1-day-old broiler chicks from Bawadi 28
- Pathogenic fungus Aspergillus flavus isolated from 1-day-old chicks from Bawadi 32
- High bacterial, coliform, and E. coli counts in water samples from farms 47, 50, 51, 53, 54, 7, and 8.
- High bacterial and fungal counts in disinfection swabs from farms 33, 14, 31, 15, 36, and 34.
- E. coli isolated from fumigated egg contents from Bawadi 27 (batch 6634), Bawadi 41 (6641), Bawadi 34 (1626), and Bawadi 43 (6651).
- Elevated bacterial and coliform counts in broiler hatchery water.
- Elevated bacterial and fungal counts in disinfection swabs of the second broiler hatchery.

SAMPLE TYPE	NO. OF SAMPLES	(ABOVE LIMIT)	POSITIVE SAMPLES	%
CULTURE	205	5	• F10 - HATCHERY	2%
Env. SALM	1014	2	• F4.49	0%
DRAG SWAB 22D (SALMONELLA)	96	71	• F28.29.30.47.49.50	74%
FUNG	136	1	• FARMS 32	1%
BACTERIAL COUNT	780	48	• FARMS 33.14.31.15.36.34 • HATCHERY	6%
FUNGAI COUNT	780	29	• FARMS 33.14.31.15.36.34 • HATCHERY	4%
WATER	89	25	• F47.50.51.53.54.7.8 • - HATCHERY	28%
FEED (علف)	60	0		0%

BROILER BREEDERS

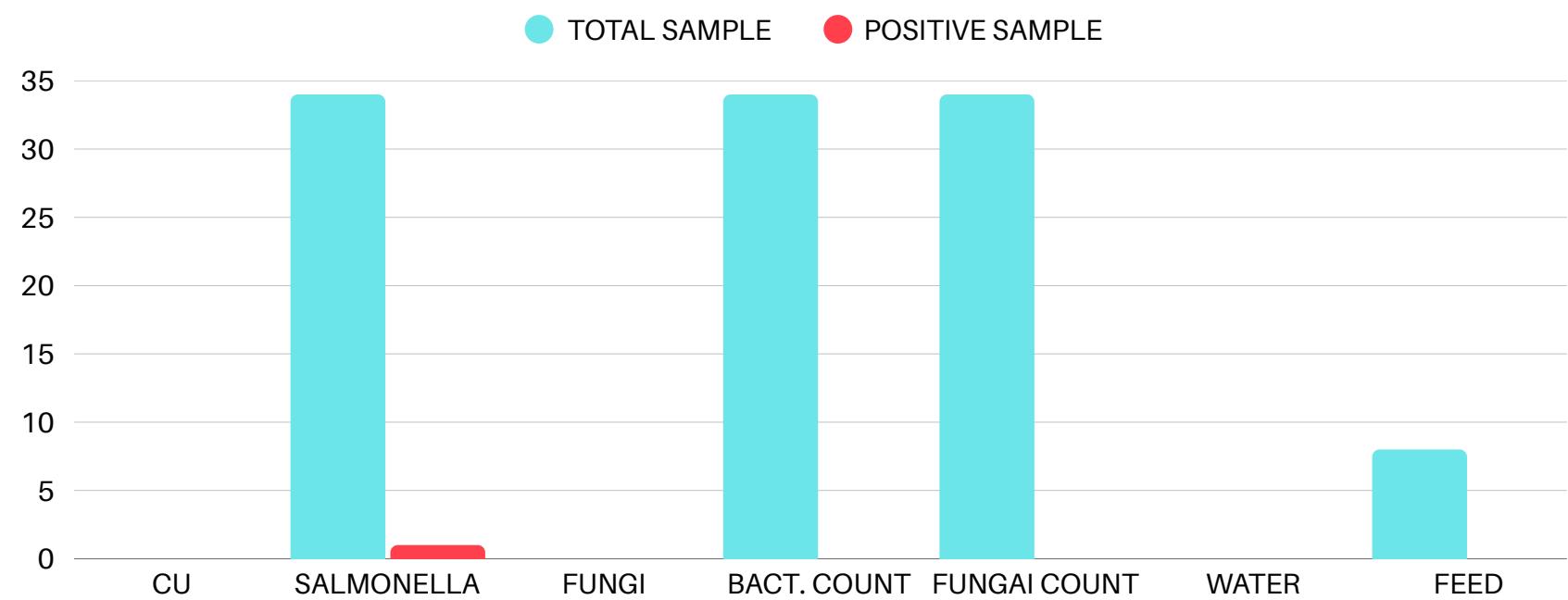
TOTAL SAMPLE POSITIVE SAMPLE



- Salmonella was isolated from drag swab samples from flocks 39, 43, 47, 48, 49, 50, 51, 52, and 53.

SAMPLE TYPE	NO. OF SAMPLES	(ABOVE LIMIT)	POSITIVE SAMPLES	%
CULTURE	2	0		0%
SALM	411	31	FLOCKS 39.43.47.48.49.50.51.52.53	8%
FUNG	0	0		0%
BACTERIAL COUNT	409	0		0%
FUNGAI COUNT	409	0		0%
WATER	3	0		0%
FEED	0	0		0%

GRAND PARENTS

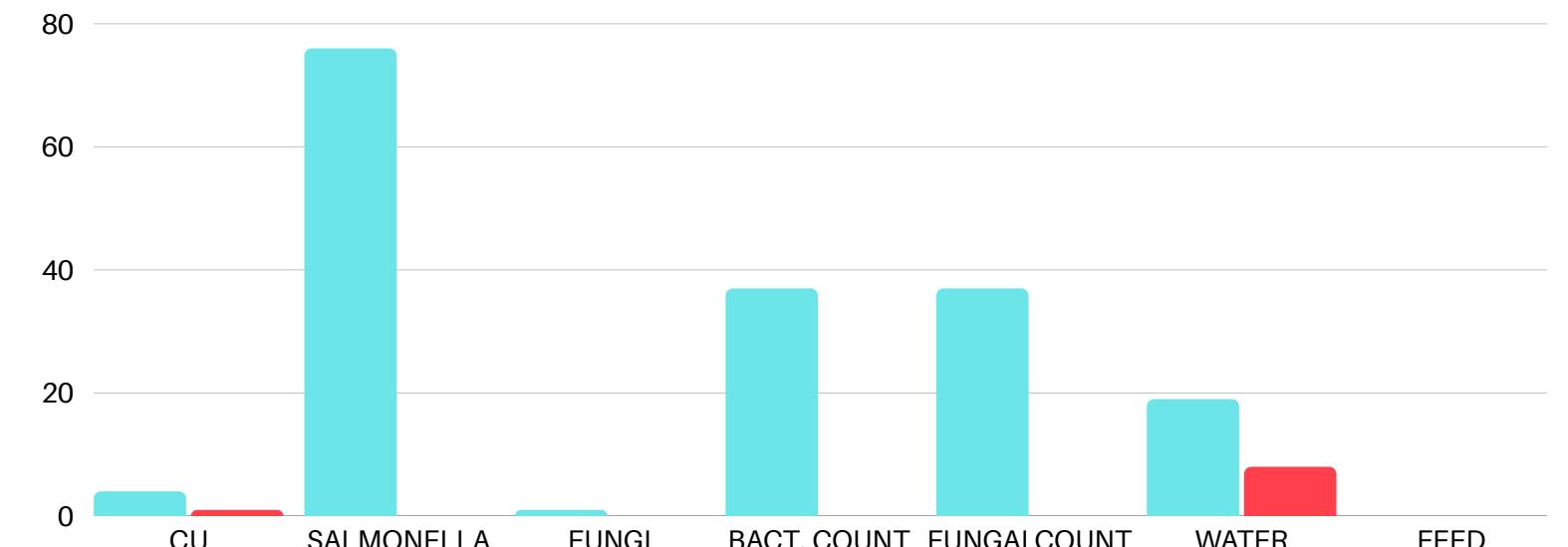


- Salmonella was isolated from a drag swab sample from flock 8, age 49 weeks.

SAMPLE TYPE	NO. OF SAMPLES	(ABOVE LIMIT)	POSITIVE SAMPLES	%
CULTURE	0	0		0%
SALM	34	1	FLOCK 8	3%
FUNG	0	0		0%
BACTERIAL COUNT	34	0		0%
FUNGAI COUNT	34	0		0%
WATER	0	0		0%
FEED	8	0		0%

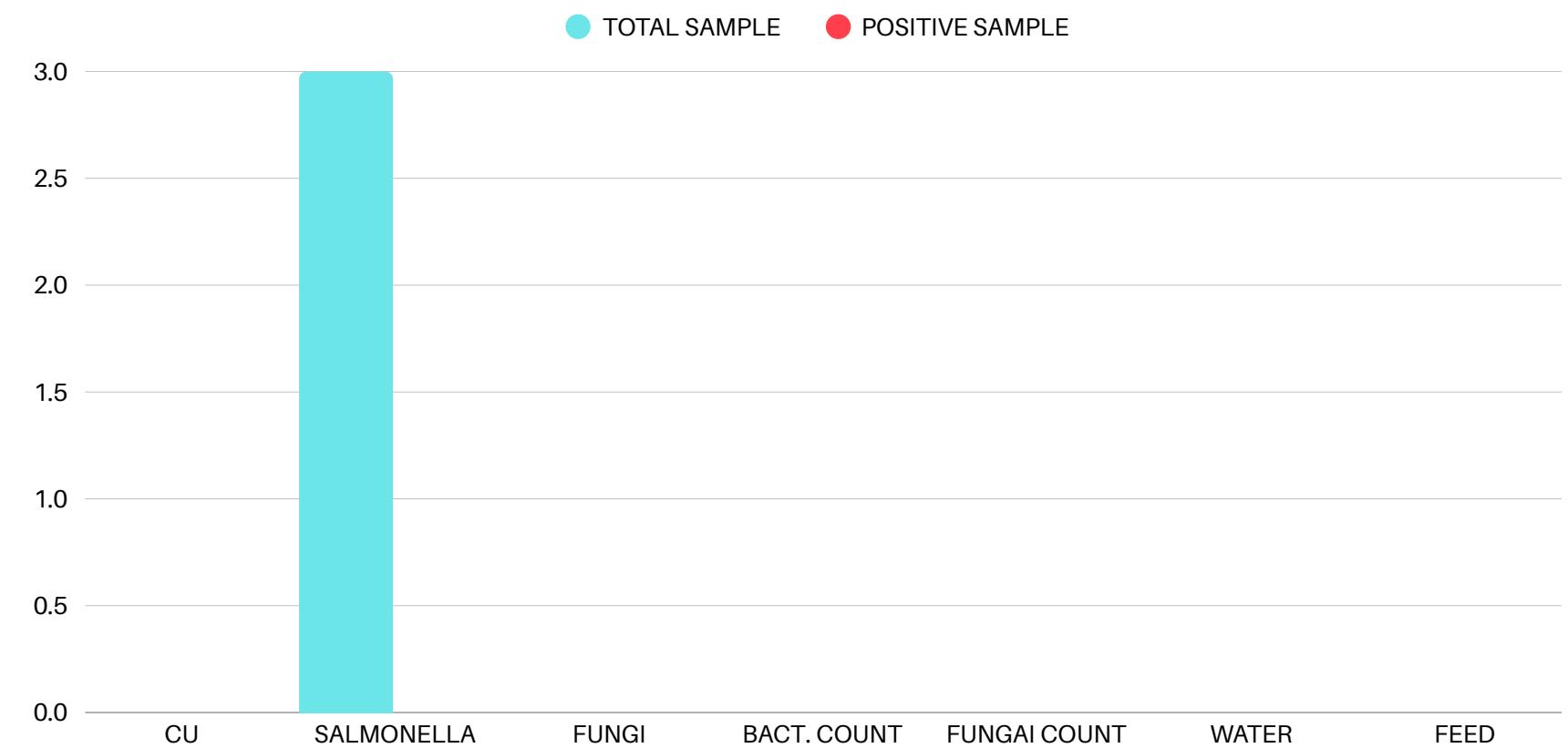
LAYER

TOTAL SAMPLE ● POSITIVE SAMPLE



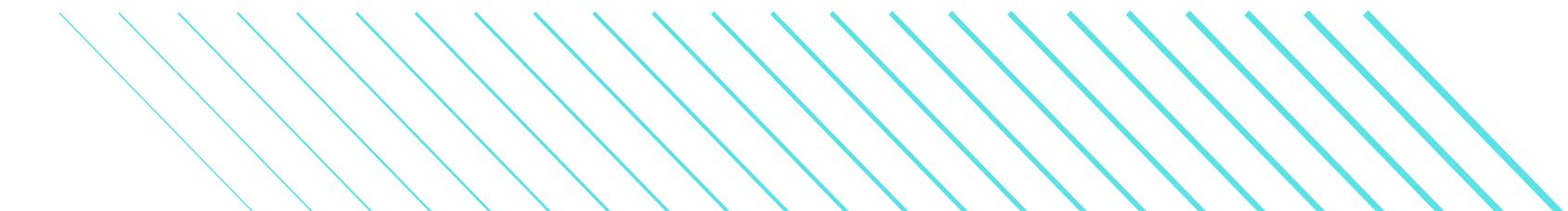
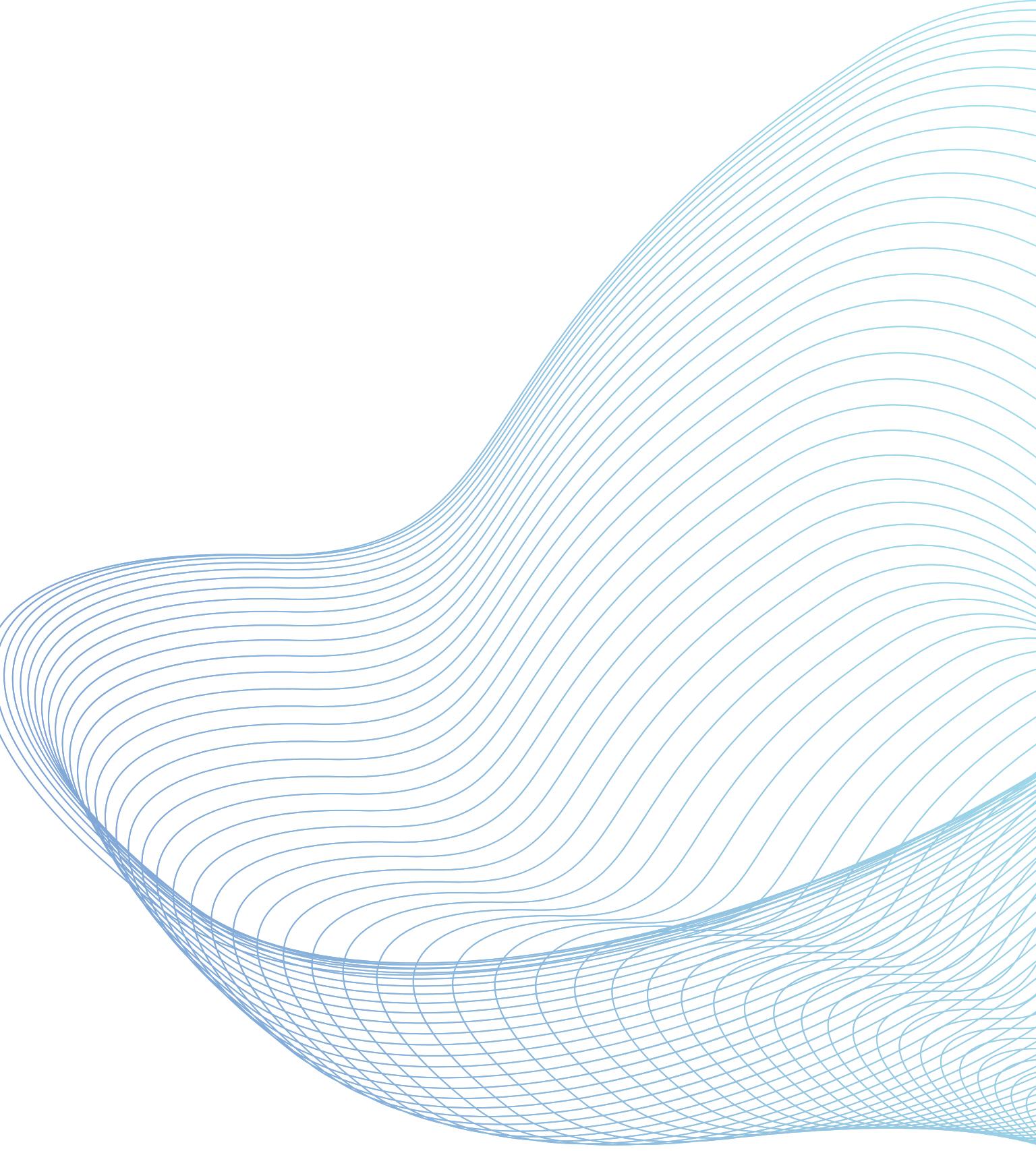
- Bacterial and coliform counts were recorded from water samples of production farms 1, 2, 3, and 4, and rearing farm 5.
- Bacterial and coliform counts were also detected in layer hatchery (UV) water and in the pre-chlorination tank.
- E. coli was isolated from a dry swab collected from production unit 4, house 6.

SAMPLE TYPE	NO. OF SAMPLES	(ABOVE LIMIT)	POSITIVE SAMPLES	%
CULTURE	4	1	FARMS 4 PRODUCTION	25%
SALM	76	0		0%
FUNG	1	0		0%
BACTERIAL COUNT	37	0		0%
FUNGAI COUNT	37	0		0%
WATER	19	8	<ul style="list-style-type: none"> • FARMS 1.2.3.4 - PRODUCTION • - FARM 5 REARING • - HATCHERY 	42%
FEED	0	0		#DIV/0!



SAMPLE TYPE (العزل البكتيري)	NO. OF SAMPLES	(ABOVE LIMIT)	POSITIVE SAMPLES	%
CULTURE (العزل البكتيري)				
SALM (السالمونيلا)	3	0		0%
FUNG (فطريات التشريح)				
BACTERIAL COUNT (العد البكتيري)				
FUNGAI COUNT (العد الفطري)				
WATER (مياه)				
FEED (علف)				

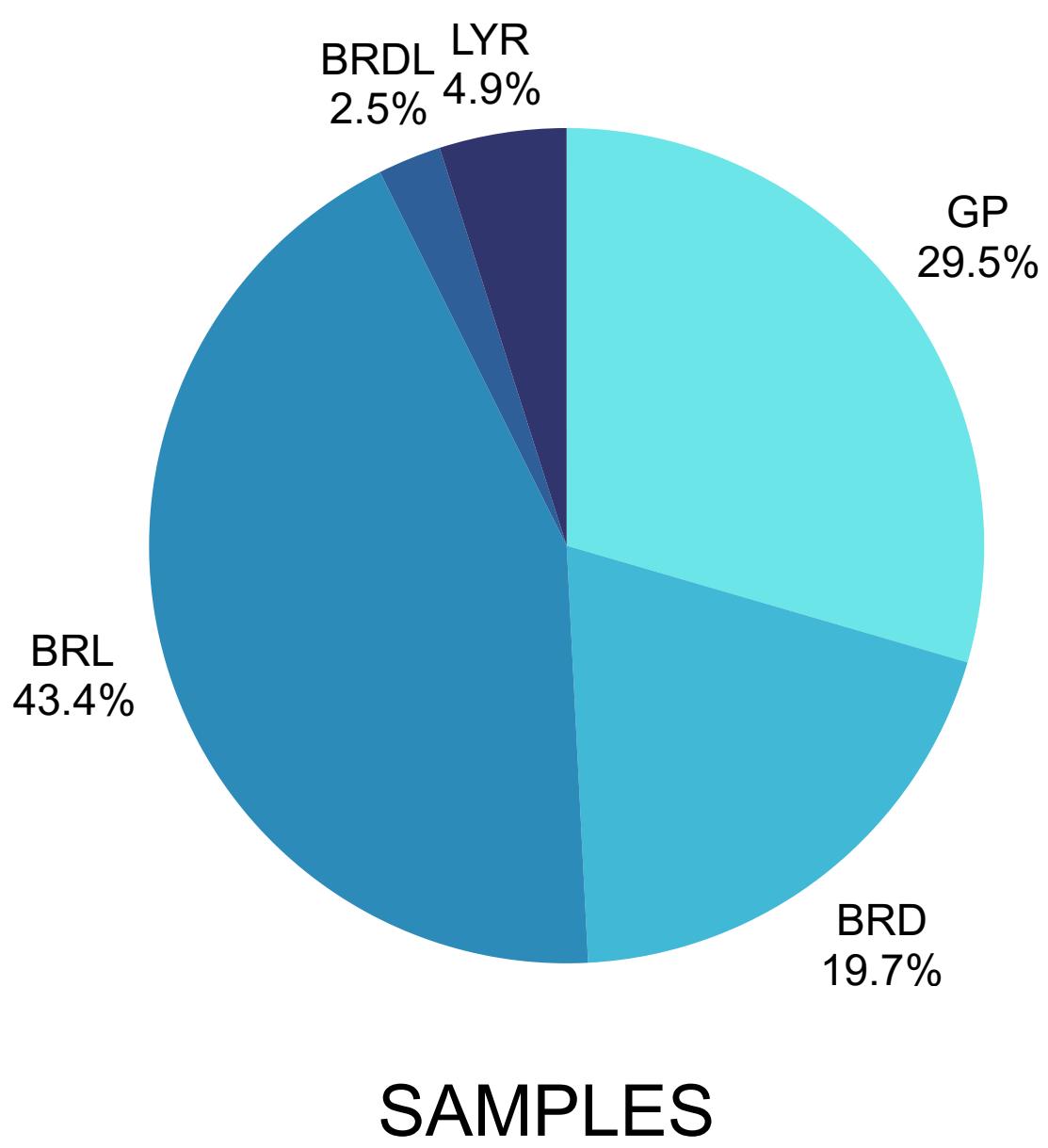
SEROLOGY DEPT.



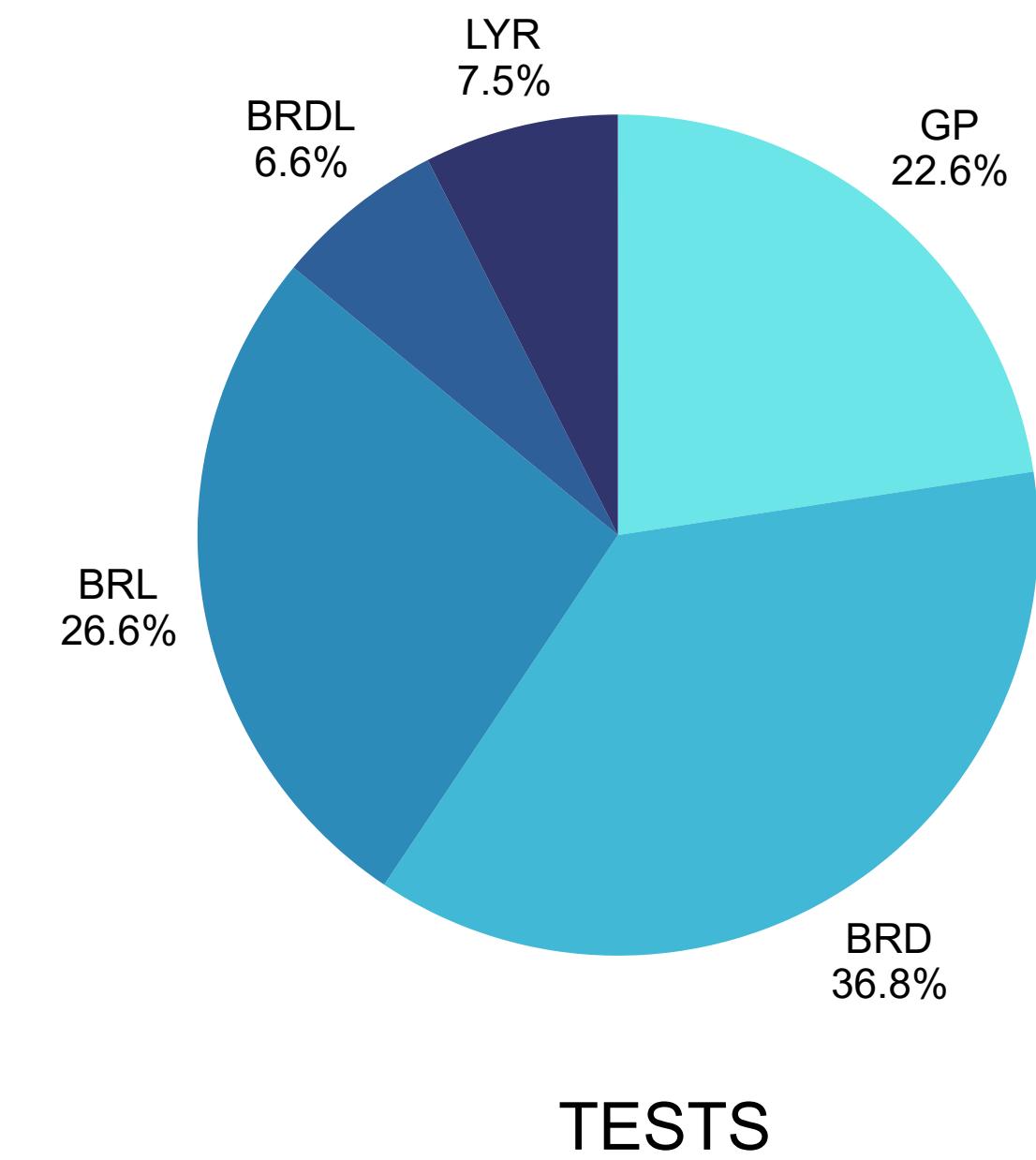
NO. OF SAMPLES : 244

NO. OF TESTs : 549

TYPE	TOTAL SAMPLES	TOTAL TESTS
GP GRAND PARENT	72	124
BRD BROILER BREEDERS	48	202
BRL - BROILER	106	146
BRDL LAYER BREEDERS	6	36
LYR - LAYER	12	41



SAMPLES



TESTS

BROILER

- Broiler farms (Cycle 17)
 - at 2 days of age for farms 13, 14, 15, 31, 33, 36, 10, 11, and 22 — all results were normal. As part of the routine monitoring program, comprehensive tests were also performed on the received sources, with findings within normal limits.
- Farms 22, 21, 23, 40, and 25 showed field infections with NDV, H9 , and IBD
- In follow-up of maternal antibody decline for IBD, farms 1, 11, 9, and 4 were tested at 10 and 14 days of age, showing normal antibody levels.

BROILER BREEDERS

- Comprehensive examinations of flocks 37, 47, 52, 54, 55, and 30, of varying ages, showed results within normal limits.

GRAND PARENTS

- Comprehensive testing of flocks 9 and 10, at different ages, revealed low H5 antibody levels in both flocks, indicating the need for follow-up testing at later age points.

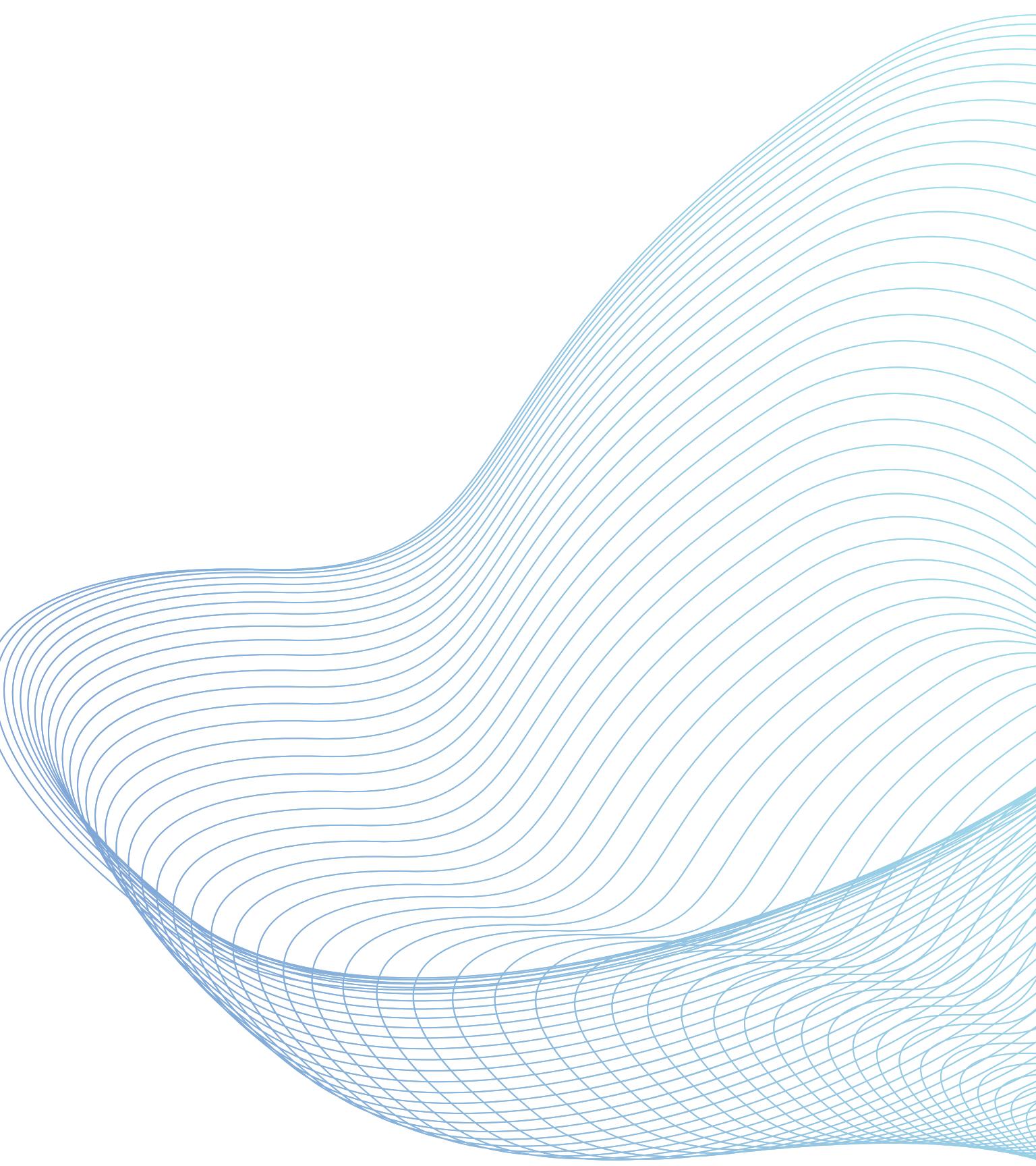
LAYER

- During the week, routine testing was conducted at Site 2, layer production, showing very high ND antibody levels, consistent with a confirmed field infection by PCR.

LAYER BREEDERS

- The test results from Flock 8 were normal.

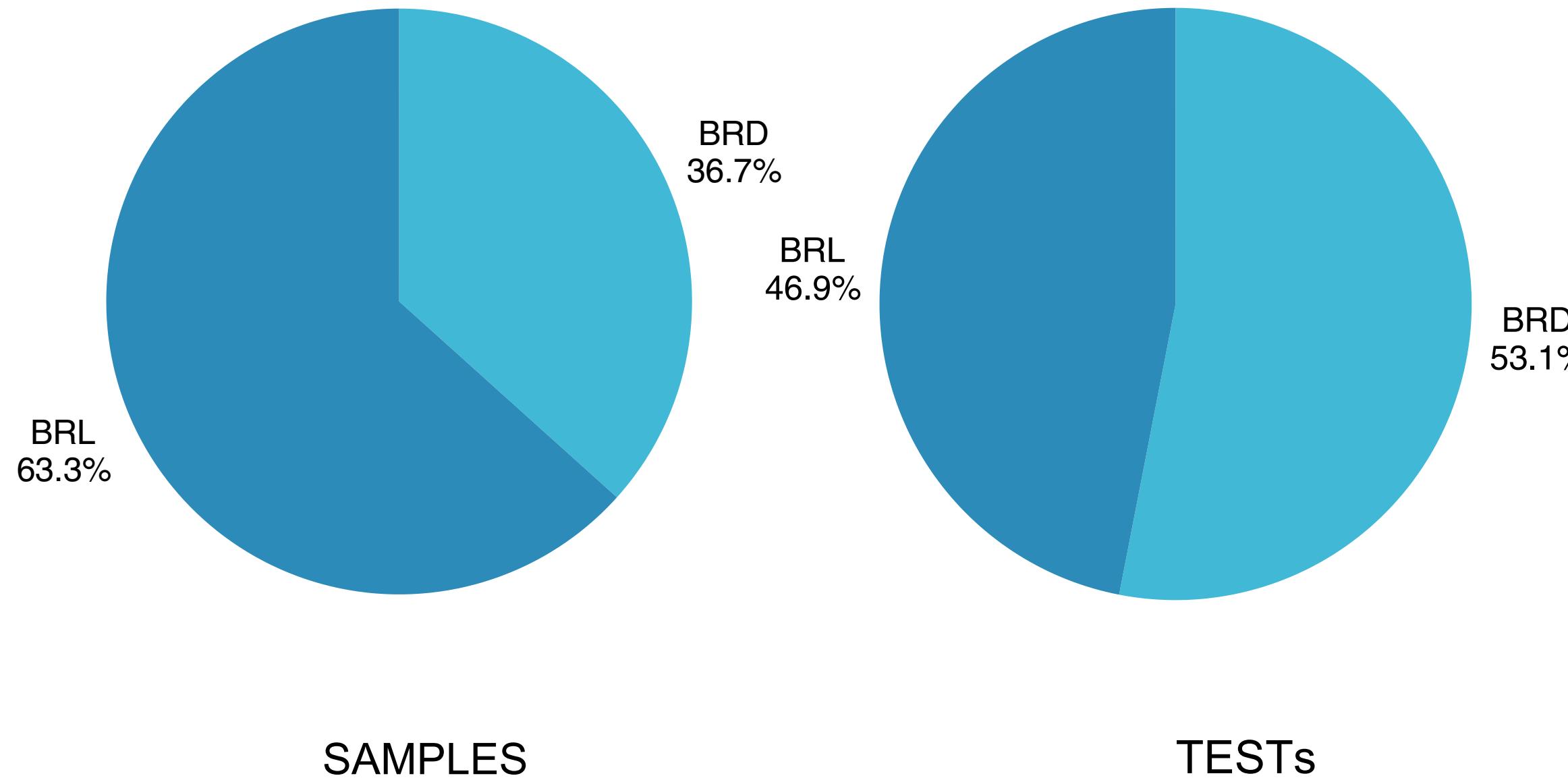
PCR DEPT.



NO. OF SAMPLES : 605

NO. OF TESTs : 475

TYPE	TOTAL SAMPLES	TOTAL TESTS
GP GRAND PARENT	0	0
BRD BROILER BREEDERS	114	408
BRL - BROILER	197	361
BRDL LAYER BREEDERS	0	0
LYR - LAYER	0	0



- **AIV H9 and IBV:**
 - Acute infections were detected in farms 28, 29, 30, 48, 49, and 61, with bird ages ranging from 21 to 24 days.
- **Newcastle Disease Virus (NDV) :**
 - Outbreaks were identified in farms 28, 29, 30, 43, 49, 54, and 61. The affected flocks were between 19 and 24 days of age.
- **Reovirus (Reo) :**
 - Duodenal samples: Positive isolations from farms 2 and 3, with flock ages of 15 and 16 days.
 - Tendon samples: Positive isolations from farms 46 and 47, with flock ages of 21 and 23 days.
- **Avian Astrovirus:**
 - Positive isolation from farm 3, flock age 16 days.

FARM	AGE	H9	IBV	NDV	REO	ASTRO
2	16D				P	
3	15D				P	P
28	22D	P	P	P		
29	21D	P	P	P		
30	24D	P	P	P		
43	23D	P	P	P		
46	23D				P	
47	21D				P	
48	24D	P	P			
49	24D	P	P	P		
54	19D		P	P		
61	24D	P	P	P		

BROILER BREEDERS

- **Infectious Laryngotracheitis (ILT):**

- Detected in flocks 30 and 31, at 55 and 54 weeks of age, respectively.

- **Newcastle Disease Virus (NDV) :**

- Identified in flocks 36 and 37, at 43 and 41 weeks of age, respectively.

- **Ornithobacterium rhinotracheale (ORT):**

- Infection observed in flock 42, at 35 weeks of age.

FLOCK	AGE	H9	ILT	ND	IBV	ORT
28	61W				P	
29	58W				P	
30	55W		P		P	
31	54W		P		P	
32	51W				P	
33	48W				P	
34	47W	P			P	
35	45W				P	
36	43W	P		P	P	
37	41W			P	P	
38	39W				P	
39,40,41,43, 44,45,,46	37W				P	
42	35W				P	P



by: Data Entry Unit

LAB MANAGER :
Eng. : ALI ABBAS KADHIM