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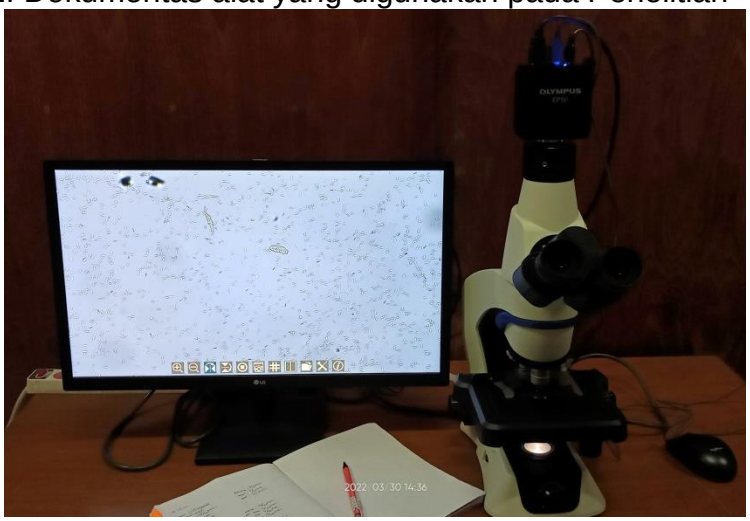
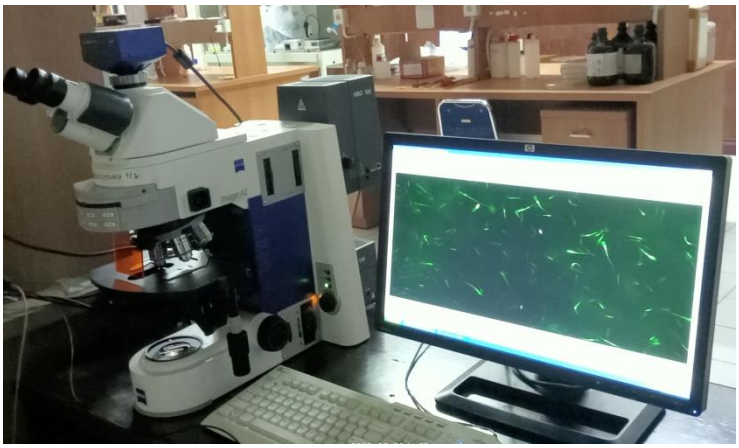
LAMPIRAN

Lampiran 1. Dokumentas alat yang digunakan pada Penelitian



Gambar 1. Mikroskop Fase Kontraks

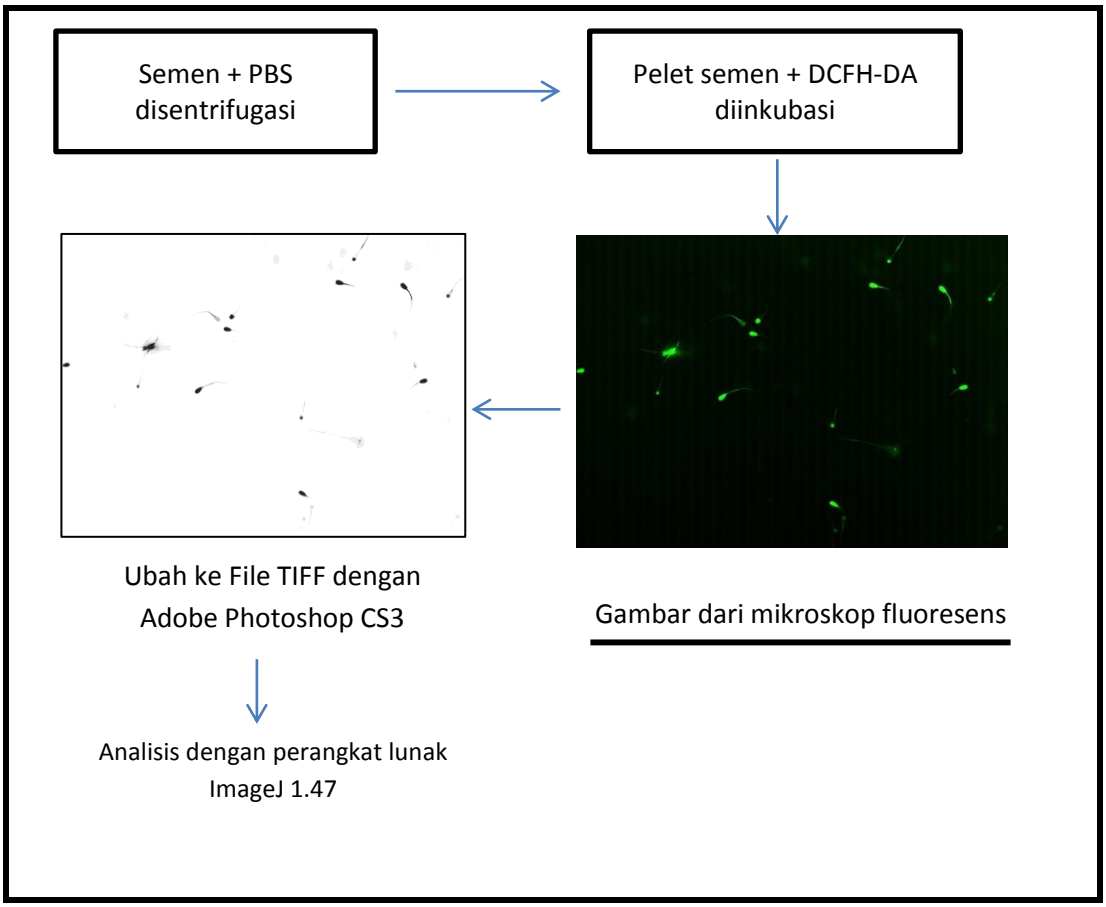


Gambar 2. Mikroskop fluoresens (Zeiss Axio Imager A2)

Gambar 3. Sentrifugasi

Gambar 4. Inkubator

Gambar 5. Mikro Pipet



Gambar 6. Alur penentuan Konsentrasi Hidrogen Peroksida (H_2O_2

Lampiran 2. Tabel Hasil peneitian kualitas semen beku sapi Bali bertanduk dan sapi Bali tidak bertanduk

PERLAKUAN	NAMA SAPI	ULANGAN	H2O2	MOTILITAS	VIABILITAS	MPU	Abnormal
SAPI BALI BERTANDUK	NEYMAR	1	2.60	46	50.5	45	21.21
		2	1.78	42	66.23	43.5	6.00
		3	2.67	56	51.0	56.5	15.50
		4	3.42	54	67.95	52	9.69
	REWA	1	2.72	44	49.0	45.5	21.74
		2	2.48	47	52.5	60.5	18.00
		3	1.38	44	47.0	47	14.50
		4	1.93	45	45.5	55	20.53
SAPI BALI TIDAK BERTANDUK	KASEP	1	3.52	35	75.5	49	22.00
		2	2.65	52	67	53.5	7.50
		3	3.90	35	53	46.5	20.00
		4	3.76	47	77	49.5	11.00
	Kampus	1	1.70	35	68	65.5	23.50
		2	1.93	45	53	54.5	24.50
		3	1.74	53	56.2	52	23.50
		4	2.01	52	63.0	51.5	21.50
Rata-Rata	Sapi Bali bertanduk		2.37	47.25	53.71	50.63	15.90
	Sapi Bali tidak Bertanduk		2.65	44.25	64.09	52.75	19.19

Lampiran 3. Tabel Group Statistik

Group Statistics

	Sapi	N	Mean	Std. Deviation	Std. Error Mean
H2O2	bertanduk	8	2.3725	.64384	.22763
	Tidak Bertanduk	8	2.6512	.94189	.33301
Motilitas	bertanduk	8	47.2500	5.03559	1.78035
	Tidak Bertanduk	8	44.2500	8.11964	2.87073
Viabilitas	bertanduk	8	53.7100	8.56281	3.02741
	Tidak Bertanduk	8	64.0875	9.48705	3.35418
MPU	bertanduk	8	50.6250	6.26641	2.21551
	Tidak Bertanduk	8	52.7500	5.75698	2.03540
ABN	bertanduk	8	15.8962	5.69263	2.01265
	tidak bertanduk	8	19.1875	6.35800	2.24789

Lampiran 4. Hasil Uji Statistika dengan Independent Samples Test

Independent Samples Test

		t-test for Equality of Means						
		t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
							Lower	Upper
H2O2	Equal variances assumed	-.691	14	.501	-.27875	.40337	-1.14390	.58640
	Equal variances not assumed	-.691	12.369	.502	-.27875	.40337	-1.15473	.59723
Motilitas	Equal variances assumed	.888	14	.389	3.00000	3.37797	-4.24504	10.24504
	Equal variances not assumed	.888	11.691	.392	3.00000	3.37797	-4.38163	10.38163
Viabilitas	Equal variances assumed	-2.297	14	.038	-10.37750	4.51838	-20.06846	-.68654
	Equal variances not assumed	-2.297	13.855	.038	-10.37750	4.51838	-20.07795	-.67705
MPU	Equal variances assumed	-.706	14	.492	-2.12500	3.00854	-8.57769	4.32769
	Equal variances not assumed	-.706	13.901	.492	-2.12500	3.00854	-8.58202	4.33202
ABN	Equal variances assumed	-1.091	14	.294	-3.29125	3.01725	-9.76260	3.18010
	Equal variances not assumed	-1.091	13.832	.294	-3.29125	3.01725	-9.76997	3.18747

RIWAYAT HIDUP

Hilya Mifahul Uswa (I012202017), dilahirkan di Kota Makassar, Sulawesi Selatan. Pada hari Kamis, 15 Mei 1997. Anak ke 3 dari 4 bersaudara oleh pasangan Ibunda dan Ayahanda tercinta NurHamida dan Bustam. Pendidikan penulis dimulai pada tahun 2000 TK (Taman Kanak-kanak) di TKAisiyah, kemudian penulis melanjutkan pendidikan SD, pada tahun 2002 di SD Inpres Minasa Upa. Kemudian pada tahun 2008 penulis melanjutkan pendidikan SMP, di SMP NEGERI 21 Makassar. Tahun 2011 penulis melanjutkan pendidikan SMA, di SMA Budi Utomo, Perak, Jombang, Jawatimur. Jurusan IPA. Pada tahun 2014 penulis dinyatakan lulus. Setelah lulus SMA penulis melanjutkan pengabdian ke Lampung sebagai guru mengaji selama satu tahun, untuk menyampaikian ilmu yang sudah penulis terima saat SMA, karna saat penulis SMA, penulis sekolah sambil mondok. Penulis melanjutkan pendidikan S1 pada penerimaan mahasiswa baru 2015 di Universitas Islam Negeri Alauddin Makassar, Jurusan Ilmu Peternakan dan nyatakan lulus sebagai Sarjana Peternakan (S.Pt.) pada tahun 2019. Selanjutnya penulis berkesempatan bekerja di Bimbingan Belajar di Makassar (4J Operation) pada tahun 2018 sampai 2020, dan pada tahun 2019 penulis mendapatkan pekerjaan lagi di klinik bayi tabung (Morula IVF Makassar) sebagai staff embriologist. Tahun 2020 bulan Oktober penulis memutuskan untuk melanjutkan pendidikan magister di Universitas Hasanuddin Makassar, dan telah melaksanakan ujian tutup pada 28 November 2022.