

DAFTAR PUSTAKA

- Adhi,W.E.Kunanto.B & Cahyanti,N.A 2018 Pendugaan Umur Simpan Ekstrak Antosianin Dari Ekstrak Kulit Melinjo Merah (*Gnetum Gnemon L.*) Pada Berbagai Suhu Simpan. *Jurnal Konversi*, 14(03), 9.
- Agustin, D., & Ismiyati, I. 2015. Pengaruh Konsentrasi Pelarut Pada Proses Ekstraksi Antosianin Dari Bunga Kembang Sepatu. *Jurnal Konversi*, 4(2), 9.
- Centers for Disease Control and Prevention (CDC). 2023. Telur *Ascaris Lumbricoides* yang di buahi, Telur *Ascaris Lumbricoides* yang tidak di buahi, Siklus Hidup *Ascaris Lumbricoides*, Telur cacing *Trichuris trichiura*, Cacing Dewasa *Trichuris trichiura*, Siklus Hidup *Trichuris trichiura*. www.cdc.gov/ diakses pada 05 januari 2024
- Centers for Disease Control and Prevention (CDC). 2017 Telur *Trichuris trichiura*, www.cdc.gov/. diakses pada 10 januari 2024
- Depertemen Kesehatan RI, Penanggulangan Kecacangan, 2014
- Daeli,A.B. Yulianti F., & Rosmiati K., 2021 Modifikasi larutan buah bit (*Beta vulgaris l*) sebagai alternatif pengganti zat warna eosin 2% pada pemeriksaan telur cacing *Soil Trasmitted Helminth* (STH). *Jurnal Borneo Of Medical Laboratory Technology*, 3(2), 223-226
- Darusman,Yusuf R., & Kuntum R.,2020. Manajemen Pemeliharaan Terhadap Endoparasit Saluran Pencernaan pada Kukang Sumatera (*Nycticebus coucang*). *Jurnal Primatologi Indonesia*,17(2), 22-27
- Dokumen Pribadi. 2024 Gambar tanaman andong (*Cordyline fruticosa L (A) Chev*)
- Elfianis,R.,2022 Klasifikasi dan morfologi Tanaman Daun Andong. *Agrotek.id* diakses pada 04 januari 2024
- Hastuti, P., & Haryatmi, D. 2021. Efektivitas Rendaman Daun Jati (*Tectona grandis Linn.f*) Dalam Mewarnai Stadium Telur Parasit STH (*Soil Transmitted Helminth*). *Jurnal Farmasi (Journal of Pharmacy)*, 10(2), 41–47.
- Hidayah.,T, Pratjojo.,W, Widiarti.,N, 2014 Uji Stabilitas Pigmen dan Antosianin Ekstrak Zat Warna Alami Kulit Buah Naga *Indonesian Journal of Chemical Science* 3(2)
- Kurniawati, A., Alauhdin,M.2020. Ekstraksi dan Analisis Zat Warna Ekstrak Kulit Buah Manggis (*Garciana mangostana L.*) serta Aplikasinya sebagai Indikator Asam-Basa. *Indonesian Journal of Chemical Science*, 9(10)

- Kusumawati.,L, Wardani.,K.P.D, Mujahid.,I, Almanfalutfhi.,L.M, 2023 Perbandingan Variasi Konsentrasi dan Waktu Perendaman Ekstrak Batang Pohon Jati Sebagai Pewarna Alternatif Eosin 2% Pada Pemeriksaan Telur *Cacing Soil Transmitted Helminth* (STH) *Jurnal Biotek Medisiana Indonesia* 11 (2) 123-132
- Oktari, A., & Mu'tamir, A. 2017. Optimasi Air Perasan Buah Merah (*Pandanus sp.*) Pada Pemeriksaan Telur Cacing. *Jurnal Teknologi Laboratorium*, 6 (1), 8. /teknolabjournal.v6i1.85
- Ompusunggu, S. 2019. *Parasitologi: Teknologi Laboratorium Medik*. Jakarta:EGC.
- Utami,P.Y 2021. Potensi Ekstrak Etanol daun andong merah (*Cordyline fruticosa* L(A) Chev) Sebagai Antioksidan Penangkal Radikal DPPH. *Jurnal Pharmacy Medical*.4(1)
- Utami,P.Y & Sarwati,D. 2024 Variasi waktu dan Suhu Penyimpanan Ekstrak DAUN Andong (*cordylinr fruticosa* (L) A. Cheval) Terhadap Kadar Antosianin. *Jurnal Sain dan Kesehatan* 6(2)
- Triana.,L, & Supriyanto 2021 Utilization Of Andong Leaf Extractas an Alternative For Coloring The Eggs Of Intestinal Nematode. *Jurnal Teknologi Kesehatan Borneo* 2(2)
- Pratama,Y.,2013 Pemanfaatan Ekstrak Daun Jati (*Tectona Grandis*.F.) Sebagai Indikator Titrasi Asam-Basa. Skripsi .,Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Negeri Semarang Hal:23.
- Priska, M., Peni, N., Carvalho, L., & Ngapa, Y. D. 2018. Antosianin dan Pemanfaatannya. *Cakra Kimia (Indonesian E-Journal of Applied Chemistry)*, 6(2), 79–97.
- Regina, P.M, Halleyantoro, R., & Bakri.,S.2018 Perbandingan Pemeriksaan Tinja Antara Metode Sedimentasi Biasa dan Metode Sedimentasi Formol-ether Dalam Mendeteksi *Soil Transmitted Helminth*. *Jurnal Kedokteran Diponegoro* 7(2), 527-537
- Rosita.N .,& Susanto, 2014 Sintesis pigmen alami daun tanaman andong (*Cordyline fruticosa*) sebagai pewarna batik dan analisis sifat optiknya.*Jurnal Fisika*, 4(2),88-91
- Simanjuntak, I, C Sinaga, & Fatimah. 2014. Ekstraksi Pigmen Antosianin Dari Kulit Buah Naga Merah (*Hylocereus polyrhizus*). *Jurnal Teknik Kimia USU*, 3(2),25– 29.
- Suarsana, I. N., Kumbara, A. A. N. A., & Satriawan, I. K. 2014.Tanaman Obat Sembuh Penyakit Untuk Sehat. Denpasar:Swasta Nulus.

Wahyuni,A.R. Rizqina A., Nurbidayah.,2023 Efektifitas Rendaman Daun Andong (*Cordyline fruticosa* L(A) Chev) Sebagai Pengganti Eosin 2% pada Pemeriksaan Telur Cacing *Soil Transmitted Helminth* (STH). *Jurnal Analis Kesehatan Klinikal Sains* 08(11)

Wahyunita, A.,2014 Eosin Zat Warna Penting Dalam Histologi.www.academia.edu/ diakses pada tanggal 19 januari 2024

World Health Organization (WHO).,2023 *Infeksi Soil Transmitted Helminth* www.who.int/news-room/fact-sheets/detail/soil-transmitted-helminthsinfections diakses pada 04 januari 2024

LAMPIRAN

Lampiran 1.Surat Izin Penelitian



YAYASAN BORNEO LESTARI UNIVERSITAS BORNEO LESTARI

Kampus Universitas Borneo Lestari, Rektorat, Jl. Kelapa Sawit 8 Bumi Berkas Telp. (0511) 4781117
Kor. Sei Besar Kec. Banjarbaru Selatan Ande Pos 70714 www.stkesborneolestari.ac.id email: kbnt@borneolestari.ac.id



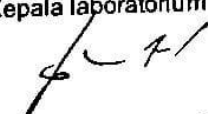
SURAT IZIN PENELITIAN

Nama : Andri Maulana Farhan
NIM/NIDN : AK1321003
Status : Mahasiswa
Program studi : D-III Teknologi Laboratorium Medik
No. Telp : 0895615961237
Judul penelitian : PENGARUH VARIASI LAMA PENYIMPANAN LARUTAN EOSIN
2% MODIFIKASI RENDAMAN DAUN ANDONG (*Cordyline fruticosa* (L) A. Chev) PADA
PEMERIKSAAN TELUR CACING *Ascaris lumbricoides* dan *Trichuris trichiura*
Institusi Sponsor : Pribadi
Waktu penelitian : April - Mei 2024
Dosen pembimbing : Rizka Ayu Wahyuni, S.Tr.AK.M.Imun
Anggota :-

Penanggung Jawab :
Laboratorium :


Mengetahui;

Kepala laboratorium


(Putri Indah Sayakti, M. Pharm.Sci., Apt.)
NIK. 020114049

Banjarbaru, 28 Februari 2024

Peneliti


(Andri Maulana Farhan)
AK1321003

Menyetujui;
Kepala Depo

(Nafila, M.Si)

Lampiran 2.Surat Izin Masuk Laboratorium



YAYASAN BORNEO LESTARI
UNIT PELAKSANA TEKNIS LABORATORIUM BORNEO LESTARI
BANJARBARU

LAMPIRAN 1

SURAT IJIN MASUK LABORATORIUM

Hal : Pemohonan Ijin Penelitian

Kepada
Yth. Kepala Unit Pelaksana Teknis
Laboratorium Universitas Borneo Lestari

| | |
|---|----------------------|
| 1 | KTI/SKRIPSI/THESIS ✓ |
| 2 | PKML/KTI |
| 3 | PENELITIAN DOSEN |
| 4 | LUAR |
| 5 | LANJUTAN |

*beri tanda silang atau lingkari

Assalamu'alaikum Wr. Wb.

Sehubungan dengan penelitian saya dengan judul :

PENGARUH VARIASI LAMA PENYIMPANAN LARUTAN EOSIN 2% MODIFIKASI RENDAMAN DAUN ANDONG (*Cordyline fruticosa* (L) A. Chev) PADA PEMERIKSAAN TELUR CACING *Ascaris lumbricoides* dan *Trichuris trichiura*

Nama Pembimbing: 1. Rizka Ayu Wahyuni,S.Tr.AK.M.Imun
2. Dian Numansyah,S.ST.M.Biomed

| No | Nama | NIM/NIP/NIY | No. HP |
|----|----------------------|-------------|---------------|
| 1 | Andri Maulana Farhan | AK1321003 | 0895615961237 |
| 2 | | | |
| 3 | | | |
| 4 | | | |

saya meminta ijin menggunakan :

| No | Laboratorium | Fasilitas |
|----|---------------------------|--------------|
| 1 | Laboratorium Mikrobiologi | Mikroskop |
| 2 | | Hot plate |
| 3 | | Beaker glass |

Untuk penelitian dari : April 2024 s.d. Mei 2024
Tanggal Bulan Tahun Tanggal Bulan Tahun

Demikian permohonan saya, atas ijin yang diberikan saya ucapkan terimakasih.
Wassalmu'alaikum Wr. Wb.

Banjarbaru, 28 Februari 2024

Pembimbing

Rizka Ayu Wahyuni,S.Tr.AK.M.Imun
NIDN.1118079401

Pemohon

Andri Maulana Farhan
AK1321003

Lampiran 3.Surat Pengantar Laboratorium



YAYASAN BORNEO LESTARI
UNIT PELAKSANA TEKNIS LABORATORIUM BORNEO LESTARI
 Jl.Kelapa Sawit 8 Bumi Berkat No 01 RT.02 RW 01 Telp/Fax. 0511-4783717
 Banjarbaru Kalimantan Selatan 70714

SURAT PENGANTAR

No. : 09/PTLAB-YBL/II/2024
 Hal : Surat Ijin Penelitian

Kepada Laboran :

| | |
|---|--------------------------------|
| | Lab. Bahan Alam |
| | Lab. Farmakologi- Toksikologi |
| | Lab. Kimia Farmasi |
| √ | Lab. Mikrobiologi |
| | Lab. Patologi |
| | Lab. Teknologi Sediaan Farmasi |

Laboratorium BORNEO LESTARI dengan ini memberikan izin melaksanakan penelitian kepada :

Nama (NIP/NIK/NIM) : Andri Maulana Farhan
 Prodi / Umum : D-3 Teknologi Laboratorium Medik
 Judul Penelitian : PENGARUH VARIASI LAMA PENYIMPANAN LARUTAN EOSIN 2% MODIFIKASI RENDAMAN DAUN ANDONG (*Cordyline fruticosa* (L) A. Chev) PADA PEMERIKSAAN TELUR CACING *Ascaris lumbricoides* dan *Trichuris trichiura*
 Institusi Sponsor :-
 Waktu Penelitian : April 2024 - Mei 2024
 Dosen Pembimbing/ Penanggungjawab : 1. Rizka Ayu Wahyuni,S.Tr.AK.M.Imun
 2. Dian Nurmansyah,S.ST.M.Biomed
 Laboratorium : Mikrobiologi

Banjarbaru, 28 Februari 2024

Kepala UPT Laboratorium
 Borneo Lestari

(Putri Indah Savakli, M. Pharm Sci., Apt.)
 NIK. 020114049

Tembusan

1. Yang bersangkutan

| | | |
|----|------------------------|------------------------------|
| 2. | Lab. Bahan Alam | Lab. Farmakologi-Toksikologi |
| | Lab. Teknologi Sediaan | Lab. Kimia Farmasi |
| | Farmasi | Lab. Patologi |
| √ | Lab. Mikrobiologi | |

3. Arsip

Lampiran 4. Validasi Hasil



YAYASAN BORNEO LESTARI
UNIVERSITAS BORNEO LESTARI
 FAKULTAS ILMU KESEHATAN
 DAN SAINSTEKNOLOGI





Jl. Kelapa Sawit 8 Bumi Berkat Telp. (0511) 4783717 Kel. Sei. Besar Kec. Banjarbaru Selatan Kode Pos 70714
 www.stikesborneolestari.ac.id - email: kontak@stikesborneolestari.ac.id


KETERANGAN VALIDASI HASIL UJI LABORATORIUM
Judul Penelitian: PENGARUH VARIASI LAMA PENYIMPANAN LARUTAN
EOSIN 2% MODIFIKASI RENDAMAN DAUN ANDONG
(Cordyline fruticosa (L) A. Chev) PADA PEMERIKSAAN
 TELUR CACING *Ascaris lumbricoides* dan *Trichuris trichiura*

| No | Variasi lama penyimpanan | P (I) | P (II) | P (III) | P (IV) | P (V) |
|----|--------------------------|---------------|----------------|----------------|---------------|----------------|
| 1 | 1 Hari | Kontras | Kontras | Kontras | Kontras | Kontras |
| 2 | 7 Hari | Kontras | Kontras | Kontras | Kontras | Kontras |
| 3 | 14 Hari | Tidak kontras | Kurang Kontras | Kurang Kontras | Tidak Kontras | Kurang Kontras |
| 4 | K(+) | Kontras | Kontras | Kontras | Kontras | Kontras |
| 5 | K(-) | Tidak Kontras | Tidak Kontras | Tidak Kontras | Tidak Kontras | Tidak Kontras |

Banjarbaru 20 Mei 2024

Kepala Laboratorium

 Apt. Tuti Indak Sari, S.Ki, M.Pharm., S.ci
 NIK. 026114049

Validator

 Rizka Ayu Wahyuni, S.Tr, AK.M, Imun
 NIDN.1118079401

Laboran

 (Rahma Maulida, S.Tr., Kes)

Lampiran 5. Dokumentasi Penelitian



Proses pengambilan daun andong



Proses menjemur daun andong



Daun andong yang sudah dikeringkan



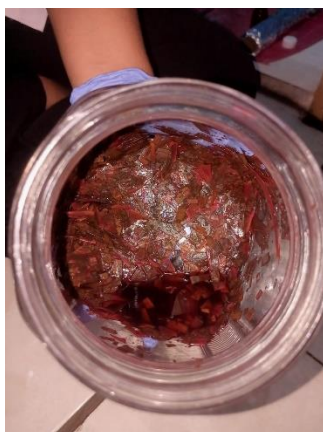
Memotong daun andong



Memasukkan ptongan daun andong



Memasukkan pelarut hcl



Daun andong yang sudah dimasukkan pelarut



Daun andong yang sudah dimasukkan pelarut



Perendaman daun andong selama 24 jam



Memasukkan rendaman kedalam botol gelap



Membungkus dengan alumonium foil



Menyimpan rendaman di dalam kulkas



Rendaman yang sudah disimpan selama 1 hari, 7 hari dan 14 hari



Pembelian sampel feses di Labkesda Banjarmasin



Sampel feses Positif



Uji Antosianin
Memanaskan rendaman di atas hot plate



Meneteskan HCl



Hasil Positif berwarna merah



Pembuatan Preparat

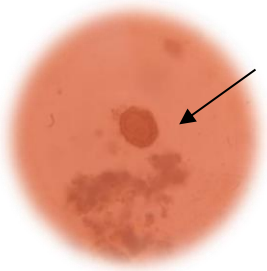
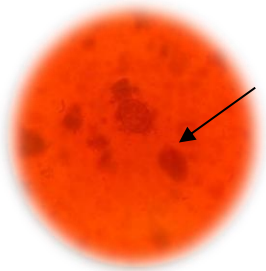
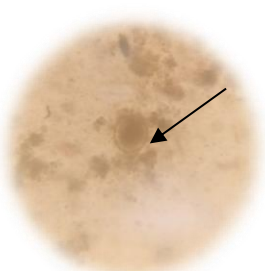

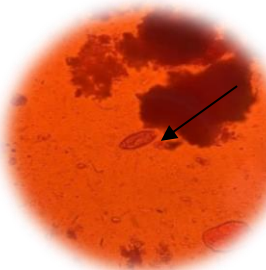
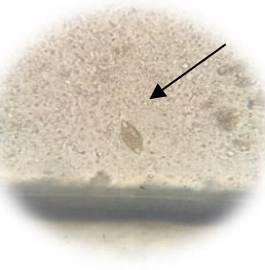
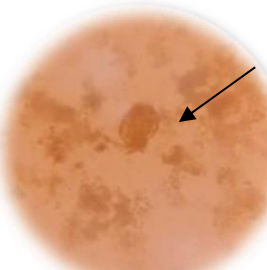
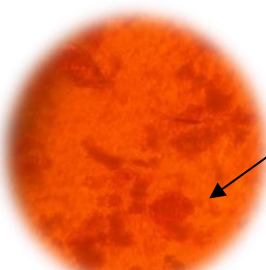


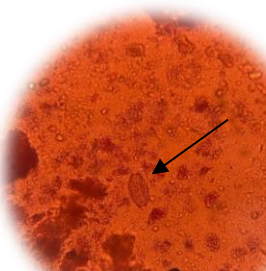



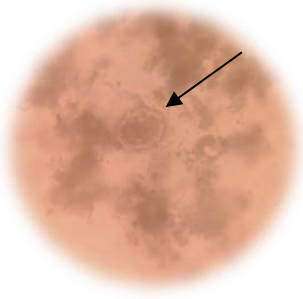
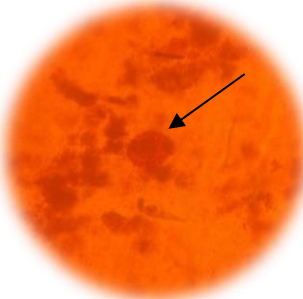
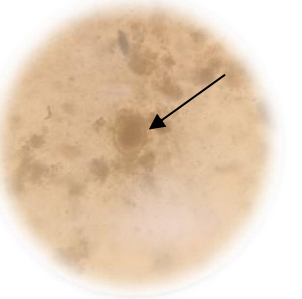
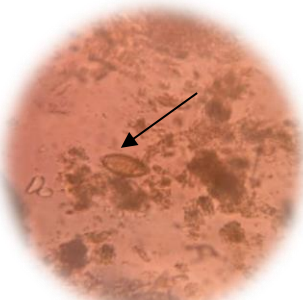
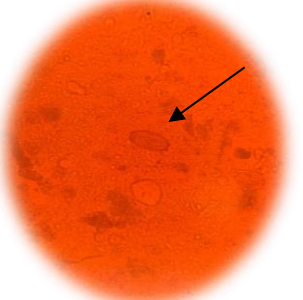
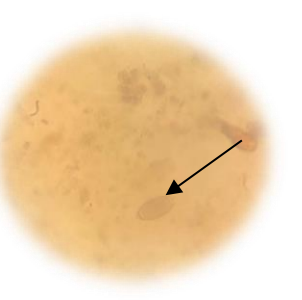
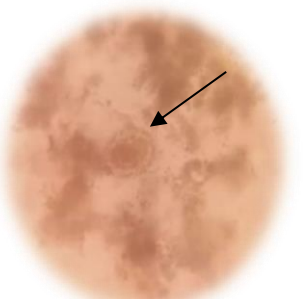
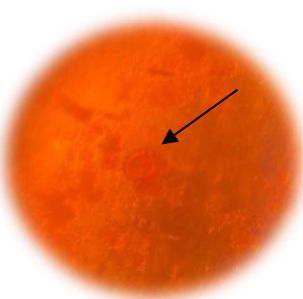
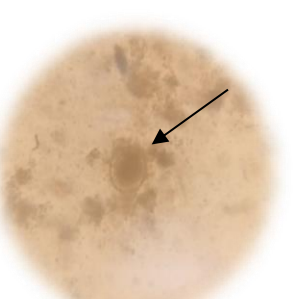
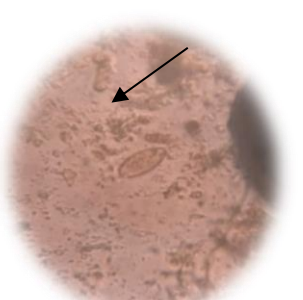
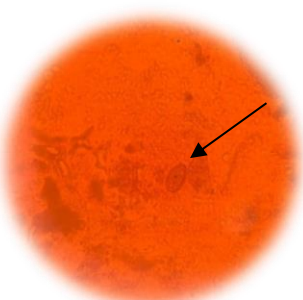
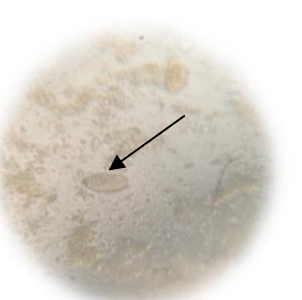
Preparat

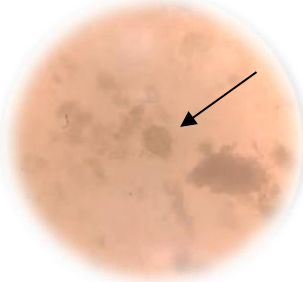
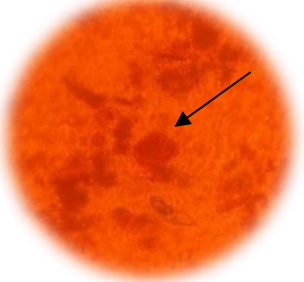
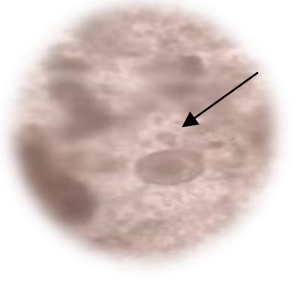
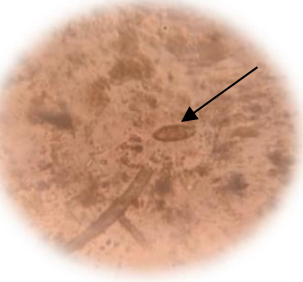
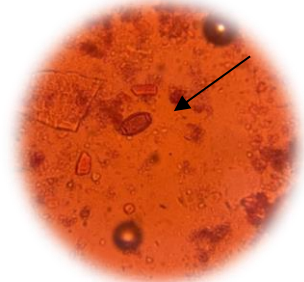



Pemeriksaan Telur Cacing dibawah Mikroskop

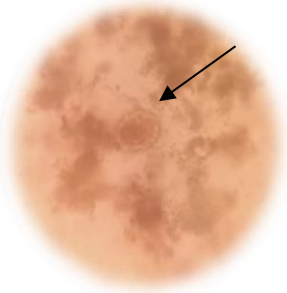

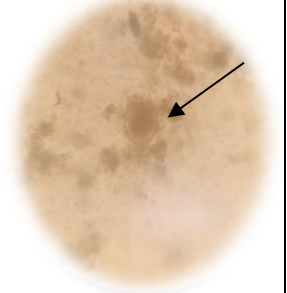
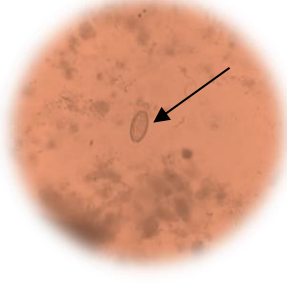
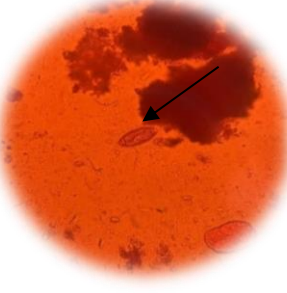
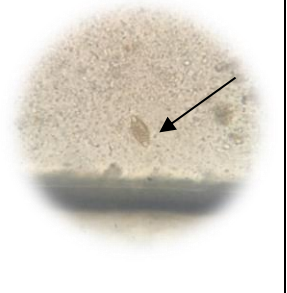
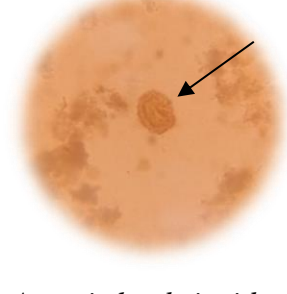
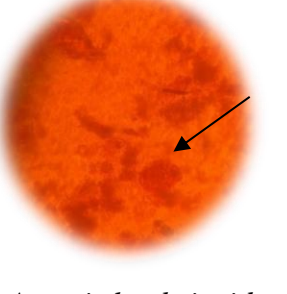
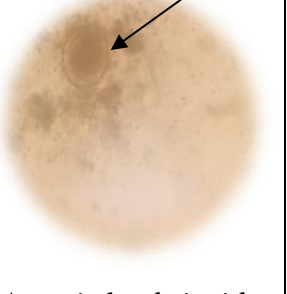
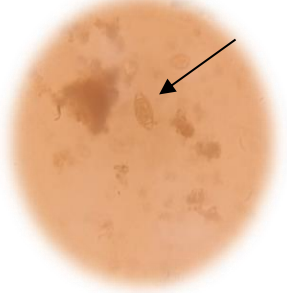
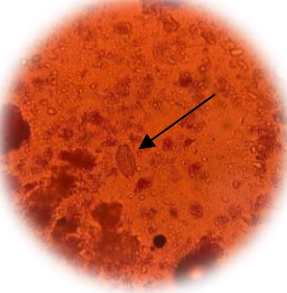

Lampiran 6. Hasil Pemeriksaan Telur Cacing di Bawah Mikroskop Perbesaran 10 x 40 Hari ke 1

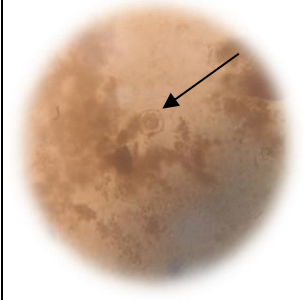
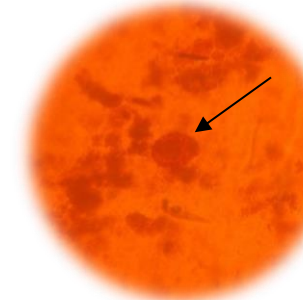
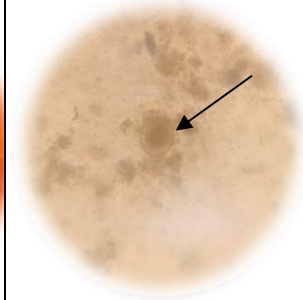
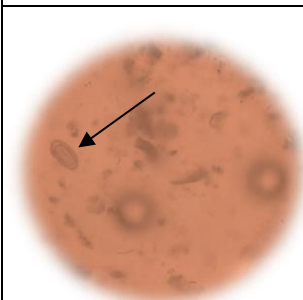
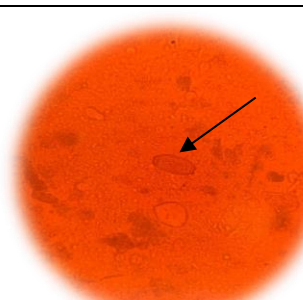
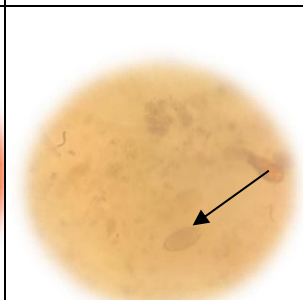
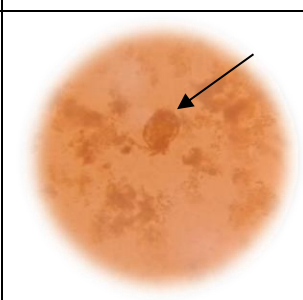
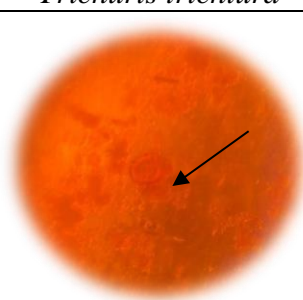
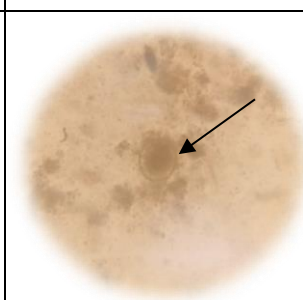

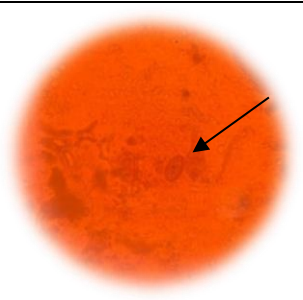
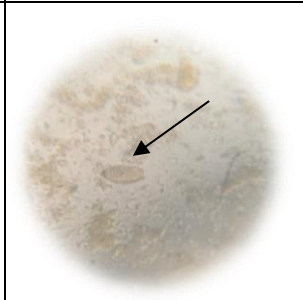
| No | U | Rendaman Hari ke 1 | Kontrol (+) Eosin 2% | Kontrol (-) Aquadest |
|----|---|--|---|---|
| 1 | 1 |  <p><i>Ascaris Lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |
| 2 | 2 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Trichuris trichiura</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |



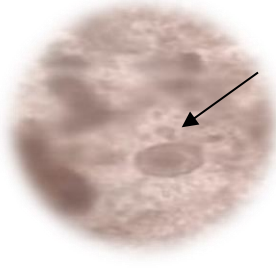

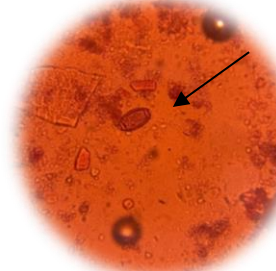

| | | | | |
|---|---|--|---|--|
| 3 | 3 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |
| 4 | 4 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

| | | | | |
|---|---|--|---|--|
| 5 | 5 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |


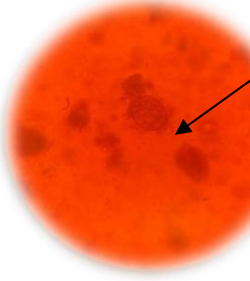
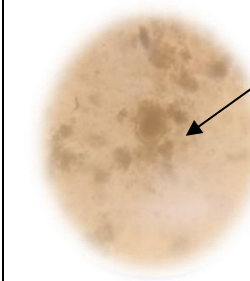

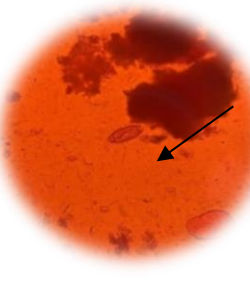
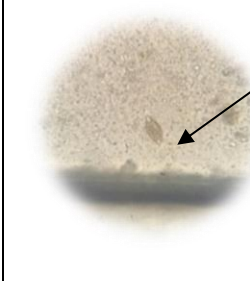
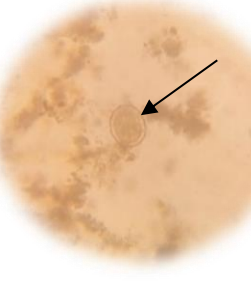
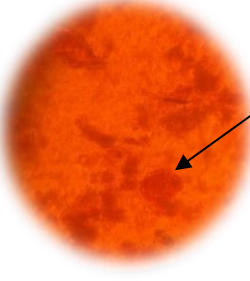
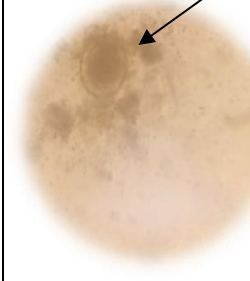

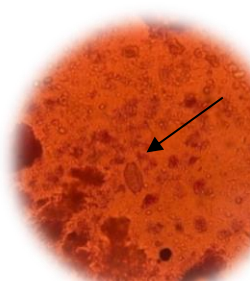
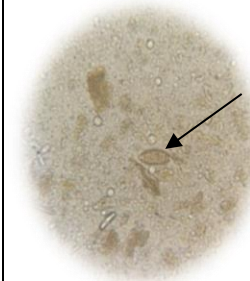
Lampiran 7. Hasil Pemeriksaan Telur Cacing di Bawah Mikroskop Perbesaran 10 x 40 Hari ke 7

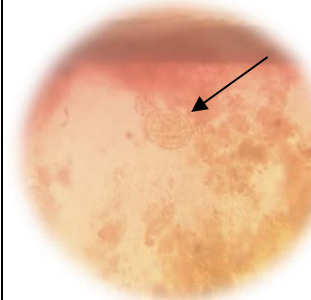
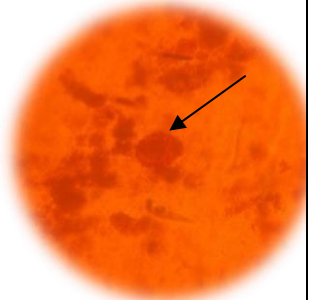
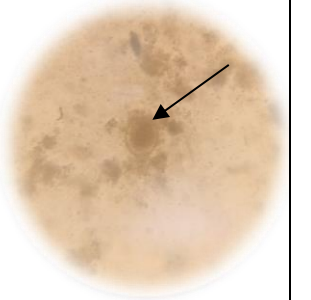
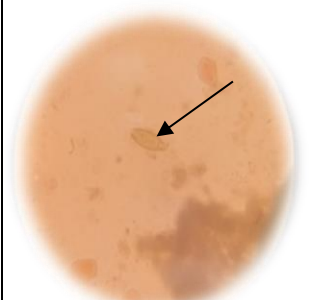
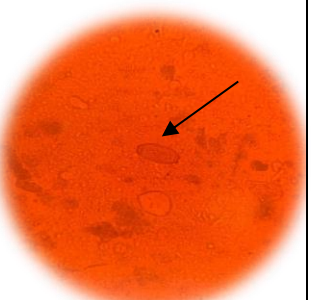

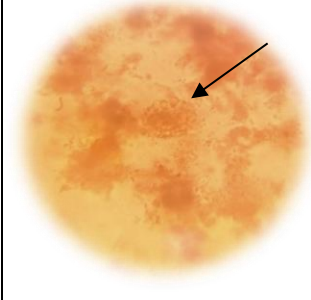
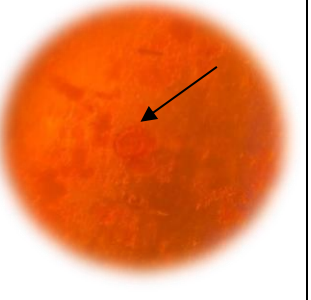
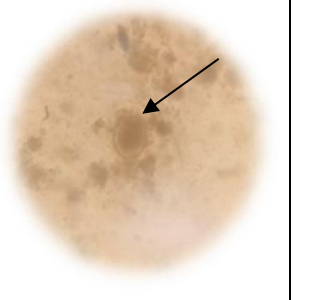

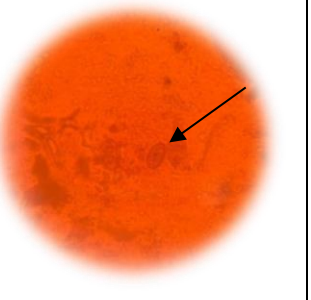
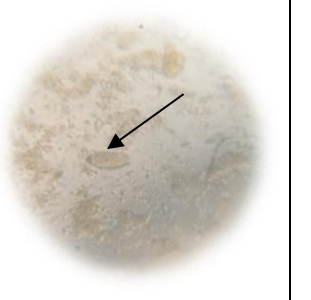
| No | U | Rendaman hari ke 7 | Kontrol (+) Eosin | Kontrol (-) Aquadest |
|----|---|--|---|--|
| 1 | 1 |  <i>Ascaris lumbricoides</i> |  <i>Ascaris lumbricoides</i> |  <i>Ascaris lumbricoides</i> |
| | |  <i>Trichuris trichiura</i> |  <i>Trichuris trichiura</i> |  <i>Trichuris trichiura</i> |
| 2 | 2 |  <i>Ascaris lumbricoides</i> |  <i>Ascaris lumbricoides</i> |  <i>Ascaris lumbricoides</i> |
| | |  <i>Trichuris trichiura</i> |  <i>Trichuris trichiura</i> |  <i>Trichuris trichiura</i> |


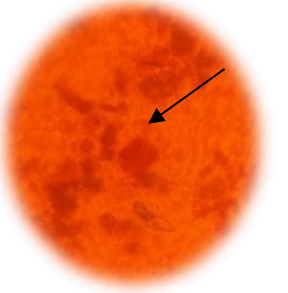
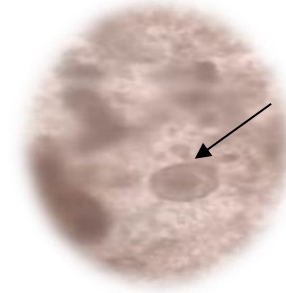
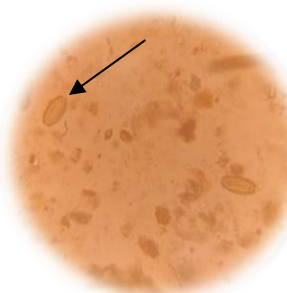
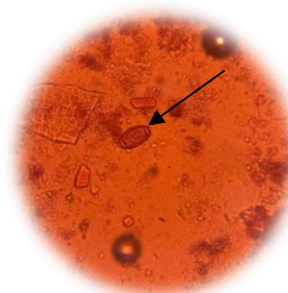
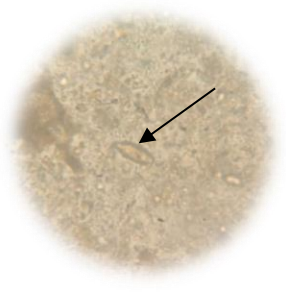
| | | | | |
|---|---|--|---|--|
| 3 | 3 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |
| 4 | 4 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

| | | | | |
|---|---|--|---|--|
| 5 | 5 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

**Lampiran 8. Hasil Pemeriksaan Telur Cacing di Bawah Mikroskop
Perbesaran 10 x 40 Hari ke 14**

| No | U | Rendaman hari ke 14 | Kontrol (+) Eosin | Kontrol (-) Aquadest |
|----|---|--|---|--|
| 1 | 1 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |
| 2 | 2 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

| | | | | |
|---|---|--|---|--|
| 3 | 3 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |
| 4 | 4 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

| | | | | |
|---|---|--|---|--|
| 5 | 5 |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |  <p><i>Ascaris lumbricoides</i></p> |
| | |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |  <p><i>Trichuris trichiura</i></p> |

Lampiran 9. Uji Statistik

Test Statistics^a

| | h1 - Kontrol.po sitif | h2 - Kontrol.po sitif | h3 - Kontrol.po sitif | h1 - kontrol.ne gatif | h2 - kontrol.ne gatif | h3 - kontrol.ne gatif | kontrol.ne gatif - Kontrol.po sitif |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| Z | .000 ^b | .000 ^b | -2.070 ^c | -2.236 ^d | -2.236 ^d | -1.732 ^d | -2.236 ^c |
| Asymp. Sig. (2- tailed) | 1.000 | 1.000 | .038 | .025 | .025 | .083 | .025 |

a. Wilcoxon Signed Ranks Test

b. The sum of negative ranks equals the sum of positive ranks.

c. Based on positive ranks.

d. Based on negative ranks.

Ranks

| | | N | Mean Rank | Sum of Ranks |
|----------------------|----------------|----------------|-----------|--------------|
| h1 - Kontrol.positif | Negative Ranks | 0 ^a | .00 | .00 |
| | Positive Ranks | 0 ^b | .00 | .00 |
| | Ties | 5 ^c | | |
| | Total | 5 | | |
| h2 - Kontrol.positif | Negative Ranks | 0 ^d | .00 | .00 |
| | Positive Ranks | 0 ^e | .00 | .00 |
| | Ties | 5 ^f | | |
| | Total | 5 | | |
| h3 - Kontrol.positif | Negative Ranks | 5 ^g | 3.00 | 15.00 |
| | Positive Ranks | 0 ^h | .00 | .00 |
| | Ties | 0 ⁱ | | |
| | Total | 5 | | |

a. h1 < Kontrol.positif

b. h1 > Kontrol.positif

c. h1 = Kontrol.positif

d. h2 < Kontrol.positif

e. h2 > Kontrol.positif

f. h2 = Kontrol.positif

g. h3 < Kontrol.positif

h. h3 > Kontrol.positif

i. h3 = Kontrol.positif

Ranks

| | | N | Mean Rank | Sum of Ranks |
|--------------------------------------|----------------|----------------|-----------|--------------|
| h1 - Kontrol.positif | Negative Ranks | 0 ^a | .00 | .00 |
| | Positive Ranks | 0 ^b | .00 | .00 |
| | Ties | 5 ^c | | |
| | Total | 5 | | |
| h2 - Kontrol.positif | Negative Ranks | 0 ^d | .00 | .00 |
| | Positive Ranks | 0 ^e | .00 | .00 |
| | Ties | 5 ^f | | |
| | Total | 5 | | |
| h3 - Kontrol.positif | Negative Ranks | 5 ^g | 3.00 | 15.00 |
| | Positive Ranks | 0 ^h | .00 | .00 |
| | Ties | 0 ⁱ | | |
| | Total | 5 | | |
| h1 - kontrol.negatif | Negative Ranks | 0 ^j | .00 | .00 |
| | Positive Ranks | 5 ^k | 3.00 | 15.00 |
| | Ties | 0 ^l | | |
| | Total | 5 | | |
| h2 - kontrol.negatif | Negative Ranks | 0 ^m | .00 | .00 |
| | Positive Ranks | 5 ⁿ | 3.00 | 15.00 |
| | Ties | 0 ^o | | |
| | Total | 5 | | |
| h3 - kontrol.negatif | Negative Ranks | 0 ^p | .00 | .00 |
| | Positive Ranks | 3 ^q | 2.00 | 6.00 |
| | Ties | 2 ^r | | |
| | Total | 5 | | |
| kontrol.negatif - Kontrol.positif | Negative Ranks | 5 ^s | 3.00 | 15.00 |
| | Positive Ranks | 0 ^t | .00 | .00 |
| | Ties | 0 ^u | | |
| | Total | 5 | | |

a. h1 < Kontrol.positif

b. h1 > Kontrol.positif

c. h1 = Kontrol.positif

d. h2 < Kontrol.positif

e. h2 > Kontrol.positif

f. h2 = Kontrol.positif

- g. $h3 < \text{Kontrol.positif}$
- h. $h3 > \text{Kontrol.positif}$
- i. $h3 = \text{Kontrol.positif}$
- j. $h1 < \text{kontrol.negatif}$
- k. $h1 > \text{kontrol.negatif}$
- l. $h1 = \text{kontrol.negatif}$
- m. $h2 < \text{kontrol.negatif}$
- n. $h2 > \text{kontrol.negatif}$
- o. $h2 = \text{kontrol.negatif}$
- p. $h3 < \text{kontrol.negatif}$
- q. $h3 > \text{kontrol.negatif}$
- r. $h3 = \text{kontrol.negatif}$
- s. $\text{kontrol.negatif} < \text{Kontrol.positif}$
- t. $\text{kontrol.negatif} > \text{Kontrol.positif}$
- u. $\text{kontrol.negatif} = \text{Kontrol.positif}$