

DAFTAR PUSTAKA

- Andis, 2018. Analisis Keragaman Genetik Anakan Jati (*Tectona Grandis* Linn. F.) Pada Berbagai Provenansi Berdasarkan Penanda Mikrosatelit. Universitas Hasanuddin. Makassar.
- Anne, C. (2006). Choosing The Right Molecular Genetic Markers For Studying Biodiversity: *From Molecular Evolution To Practical Aspects. Genetica*. 127: 101-120.
- Armbrecht, M. (2013). Detection Of Contamination In DNA And Protein Samples By Photometric Measurements. *Aplication note*. 279:1-6.
- Azizah, A. (2009). Perbandingan Pola Pita Amplifikasi DNA Daun Bunga Dan Buah Kelapa Sawit Normal Dan Abnormal. *Skripsi*. Fakultas Matematika dan Ilmu Pengetahuan Alam. *Institut Pertanian Bogor (IPB)*.
- Azrai M. (2005). Pemanfaatan Marka Molekuler Dalam Proses Seleksi Pemuliaan Tanaman. *Jurnal AgroBiogen 1*, 26-37.
- Carsono N, (2008). Peran Pemuliaan Tanaman dalam Meningkatkan Produksi Pertanian di Indonesia. *Bidang Produksi Tanaman Pangan*. Tokyo.
- Dalimartha, S. 2000. Atlas Tumbuhan Obat Indonesia Ed II. Jakarta: Trubus Agriwidya.
- Direktorat Jenderal Perkebunan. (2004). Statistik Perkebunan Indonesia 1999–2003: Jambu Mete. *Direktorat Jenderal Perkebunan*, Jakarta.
- Direktorat Jenderal Perkebunan. (2008). Statistik Perkebunan Indonesia : Jambu Mete. *Direktorat Jenderal Perkebunan Departemen Pertanian*, Jakarta. 31 hal.
- Diederer, B. M. W., C. M. A. de Jong, F. Marmouk, J. A. W., Kluytmans, M. F. Peeters, & A. V. der Zee. (2007). Evaluation Of Real-Time PCR For The Early Detection Of Legionella Pneumophila DNA In Serum Samples. *Journal of Medical Microbiology* (56): 94-101.
- Erkens, R.H.J., Chatrou, L.W., Maas J.W. & Pirie M.D., (2007), Phylogenetic Relationships, Saturation And Marker-Use In The Long Branch Clade Of Annonaceae, *PhD Thesis*, pp 25-41.
- Feranisa, A. (2016). Komparasi Antara *Polymerase Chain Reaction (PCR)* Dan *Loopmediated Isothermal Amplification (LAMP)* Dalam Diagnosis Molekuler. *ODONTO Dental J*. 3:(2):145-151.

- Fernandez, I. (2002). *Macromedia Flash Animation & Cartooning: A Creative Guide*. Pennsylvania State University.
- Fitriani, 2019. Analisis Keragaman Genetik Delapan Jenis Bambu Berdasarkan Penanda *Random Amplified Polymorphic Dna* (Rapid).
- Fricke, M., U. Messelhauber, U. Busch, S. Scherer, & M. Ehling-Schulz. (2007). Diagnostic Real-Time PCR Assays For The Detection Of Emetic *Bacillus Cereus* Strains In Foods And Recent Food-Borne Outbreaks. *Applied and Environmental Microbiology* 73 (6): 1892- 1898.
- Gregor Mc CE, Lambert CA, Grylic MM, LouwJH, & Warnich L. (2000). A Comparison Assessment Of DNA Finger Printing Technique (RAPD, ISSR, AFLP, And SSR). In *Tetraploid Potato (Solanum tuberosum L.) Germplasm. Euphytica* 113:135-144.
- Gupta, PK., R.Varshney, & M. Prasad. (2002). *Molecular Markers: Principles and Methodology*. Molecular Techniques in Crop Improvement.p:9-54.
- Guo HB, KY Huang, TS Zhou, QH Wu, YJ Zhang & ZS Liang. (2009). DNA Isolation, Optimization Of ISSR-PCR System And Primers Screening Of *Scutellaria Baicalensis*. *Journal Of Medicinal Plants Research* 3, 898-901
- Hartati, D , Rimbawanto, A , Taryono, & Sulistiyaningsih, E. (2007). Pendugaan Keragaman Genetik di Dalam dan Antar Provenansi Pulai (*Alstonia scholaris* L.) Menggunakan Penanda RAPD. Balai Besar Bioteknologi dan Pemuliaan Tanaman Hutan.
- Isshiki, S., N. Iwata, & MMR. Khan. (2008). ISSR Variation In Eggplant (*Solanum melongena* L.) And Related *Solanum* Species. *Sci. Hort.* 117: 186-190.
- Karmawati, E. (2008). Perkembangan Jambu Mete dan Strategi Pengendalian Hama Utamanya. Bogor. Hlm 102-111.
- Kumar, P. (2009). Potential Of Molecular Markers In Plant Biotechnology. *Plant Omics Journal* 2, 141-162.
- Larekeng, S. H., Restu, M., & Gusmiaty. (2015). The Used Of RAPD Maker On Kayu Kuku's (*Pericopsis Mooniana* THW) Breeding Program. International Seminar On Challenges Of Sustainable Forest On 26 November 2015. Plantation Development, Yogyakarta.
- Latief, W. & Amien S. (2014). Studi Awal Pemanfaatan Marka Molekuler RAPD Untuk Penentuan Kebenaran Tiga Kultur Nilam. *Bionatura Jurnal Ilmu-Ilmu Hayati Dan Fisik*. 16(2):109-113.

- Langga, I. F., Restu, M & Kuswinanti, T. (2012). “Optimalisasi Suhu dan Lama Inkubasi Dalam Ekstraksi DNA Tanaman Bitti (*Vitex cofassus* Reinw) Serta Analisis Keragaman Genetik dengan Teknik RAPD-PCR”. *J. Sains & Teknologi* 12(3), hlm. 265 – 276.
- Lu J, X Hu, J Liu & H Wang. (2011). Genetic Diversity And Population Structure Of 151 Cymbidium Sinense Cultivars. *Journal of Horticulture and Forestry* 3, 104-114.
- Manimekalai, R., P. Nagarajan, M. Bharathi & S.N. Kumar. (2003). DNA polymorphism among coconut (*Cocos nucifera* L.) cultivars and reciprocal cross derivatives differing in drought tolerance. *J. Plant Crop.*, 32.
- Maftuchah, (2001). Strategi pemanfaatan penanda molekuler dalam perkembangan bidang hortikultura. Makalah Sarasehan Pemanfaatan Penanda Molekuler di Bidang Hortikultura. Perhorti Jatim – Deptan.
- Nappu, B., M. (2013). Keragaan Sumberdaya Lahan, Pemanfaatan Dan Produktivitas Tanaman Pertanian Berbagai Daerah Di Sulawesi Selatan. *Balai Pengkajian Teknologi Pertanian Sulawesi*.
- Nalini, E., N. Jawali & S.G. Bhagwat. 2003. A Simple Method for Isolation of DNA from Plants Suitable for Long Term Storage and DNA Marker Analysis. *BARC Newsletter*, 249: 208.
- Nuraida, D. (2012). Pemuliaan Tanaman Cepat dan Tepat Melalui Pendekatan Marka Molekuler. *Jurnal Pemuliaan Tanaman Cepat* Vol 2 (2) : 97-103.
- Pharmawati, M. 2009. Optimalisasi ekstraksi DNA dan PCR-RAPD pada *Grevillea* sp. (Proteaceae). *Jurnal Biologi*. 13 (1): p. 12-16
- Poerba YS & F. Ahmad. (2010). Genetic Variability Among 18 Cultivars Of Cooking Bananas And Plantain By RAPD And ISSR Markers. *Biodiversity* 11, 118-123.
- Randriana, E., Cici T. & Syafaruddin. (2012). Pemanfaatan Teknik *Random Amplified Polymorphic DNA* (RAPD) Untuk Pengelompokan Secara Genetik Plasma Nutfah Jambu Mete (*Anacardium occidentale* L.). *Buletin RISTRI*. 3(1):1-6.
- Sanjay, L.S., K.N. Mistry, S.D. Shah, R.Thaker, P.B. & Vaidya. (2011). Genetic Diversity Assessment In Nine Cultivars Of *Catharanthus Roseus* From Central Gujarat (India) Through RAPD, ISSR And SSR Markers. *J. Res. Biol*. 8:667-675.
- Sugeng, H., 2009. “Ensiklopedia Tanaman Obat Indonesia”. Yogyakarta.

- Suhadi, Octen. 2009. *Budi Daya Jambu Mete*. Jakarta: Azka Press.
- Suryanto, D. (2003). Melihat Keanekaragaman Organisme Melalui Beberapa Teknik Genetik Molekuler. Universitas Sumatera Utara.
- Suprapti, M. Lies. 2004. *Jelly Jambu Mete*. Yogyakarta: Kanisius.
- Sulistyawati, P., A.Y.P.B.C Widyatmoko, & I.L.G. Nurtjahjaningsih. (2014). Keragaman genetic Anakan Shorea Leprosula berdasarkan Penanda Mikrosatelit. *Jurnal Pemuliaan Tanaman Hutan* 8 (3) : 171-183.
- Thimmappaiah, Santhosh, W.G., Shobha, D. & Melwyn, G.S. (2009). Assessment of Genetic Diversity in Cashew Germplasm Using RAPD and ISSR Markers. *Scientia Horticulturae*. 120 (3), 411–417.
- Trojanowska M.R., & H. Bolibok. (2004). Characteristics And Comparison Of Three Classes Of Microsatellite-Based Markers And Their Application In Plants. *Cellular Mol. Biol. Lett.* 9:221-238.
- Vijayan, K. (2005). *Inter Simple Sequence Repeat (ISSR) Polymorphism And Its Application In Mulberry Genome Analysis*. Int. J. Ind. Entomol. Inter. 10(2): 79-86.
- Wahyuni, S. (2006). Kekerabatan Plasma Nutfah Jambu Mete Berdasar Sifat Morfologi. Bogor. Hlm 58-66.
- Wahyuni, S., D.H. Xu, N. Bermawie, H. Tsunematsu & T. Ban. (2004). Skrining ISSR Primer Studi Pendahuluan Kekerabatan Antar Jahe Merah, Jahe Emprit Dan Jahe Besar. *Buletin TRO*, 15: 33-40.
- Yuniarti, T. 2008, *Tanaman Obat Tradisional*, Buku Kita , Jakarta.
- Yuwono, T. 2008. *Biologi Molekuler*. Jakarta: Erlangga.
- Zulfiana, A., S. Larekeng, S., H. & M. Restu. (2020). *Amplification Of Rapd Primers Of Sugar Palm (Arenga pinnata Merr) From South Sulawesi*. Vol. 07 No 2 : ISSN 2515-8260.

Lampiran 1. Dokumentasi alat yang digunakan



Gambar 1. Timbangan analitik



Gambar 2. Mortar



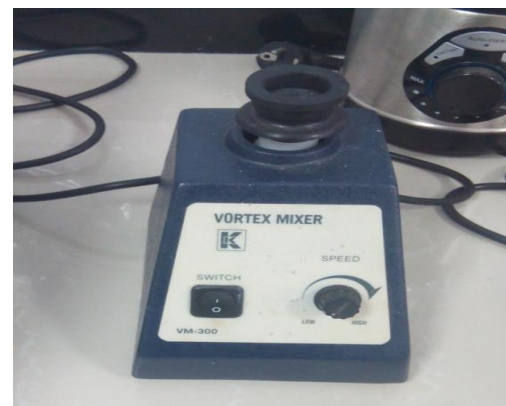
Gambar 3. Mikropipet



Gambar 4. Centrifuge



Gambar 5. Waterbath



Gambar 6. Vortex



Gambar 7. Mesin PCR



Gambar 8. *Microwave*

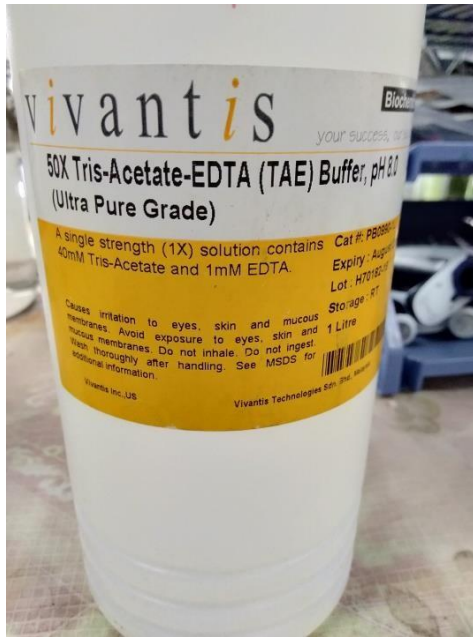


Gambar 9. Elektroforesis

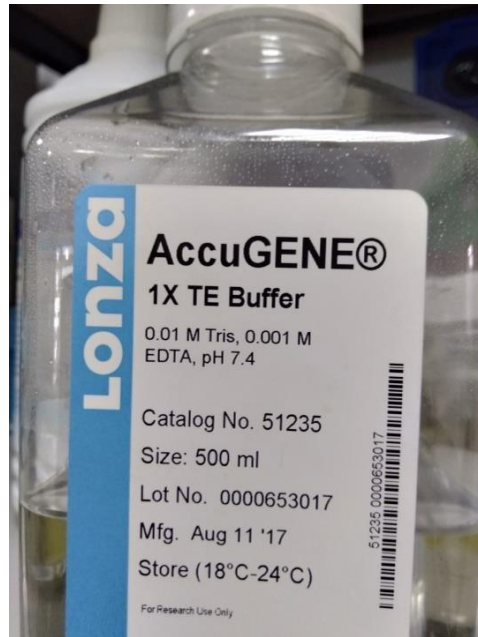


Gambar 10. *UV Transilluminator*

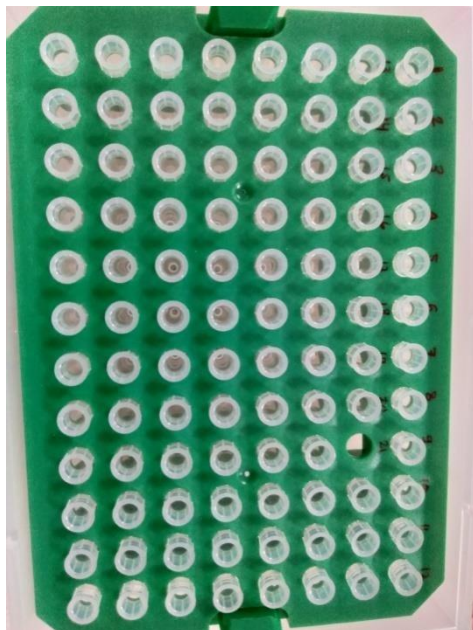
Lampiran 2. Dokumentasi bahan yang digunakan



Gambar 1. Larutan Buffer TAE 50x



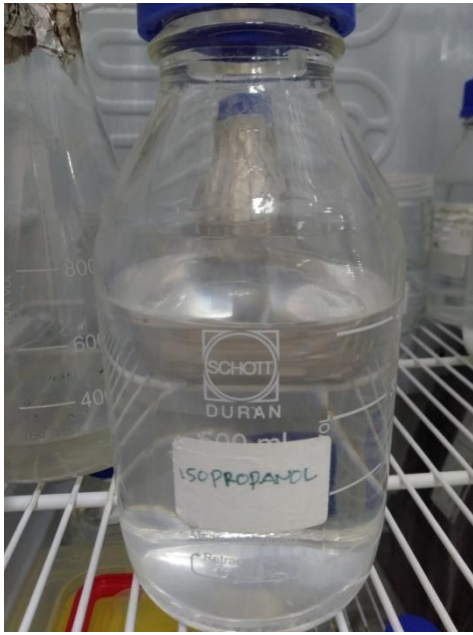
Gambar 2. Larutan Buffer TE 1x



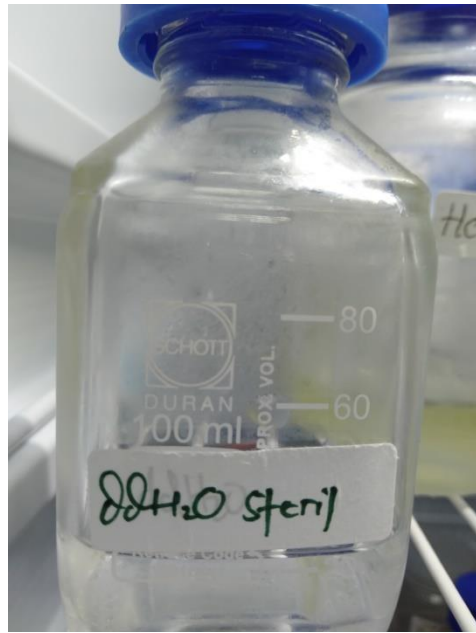
Gambar 3. Tip Putih



Gambar 4. Tip Kuning



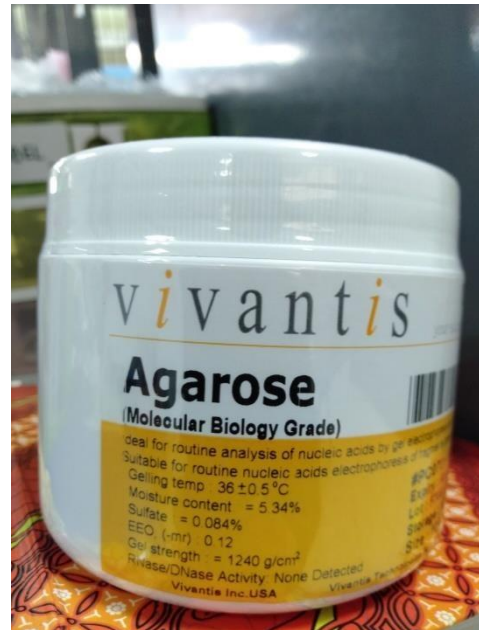
Gambar 5. Larutan Isopropanol



Gambar 6. ddH₂O Steril

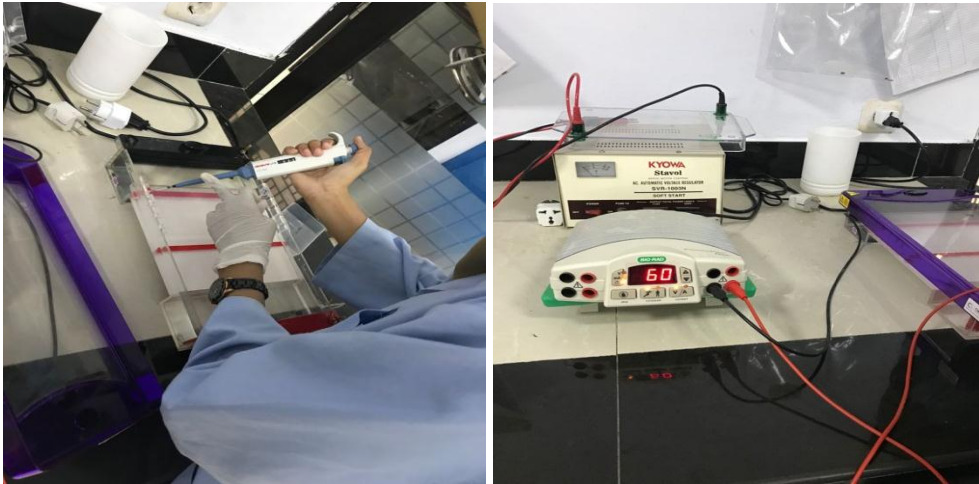


Gambar 7. Larutan Buffer CTAB



Gambar 8. Agarose

Lampiran 3. Dokumentasi bahan yang digunakan



Lampiran 4. Hasil Keseluruhan Elektroforesis

