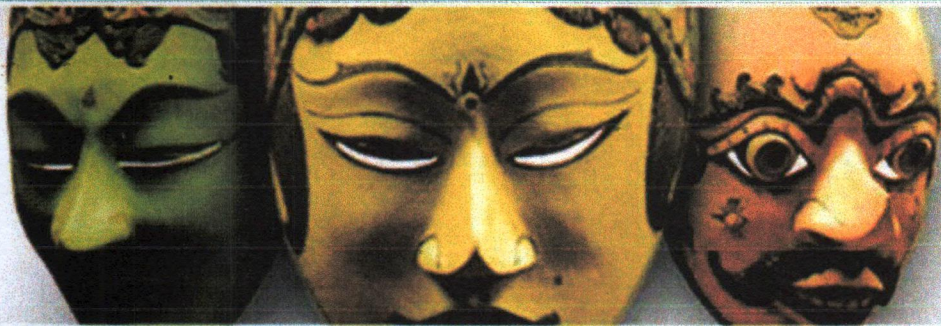


ABSTRACT BOOK



**Annual Scientific Meeting
Indonesian Society for Clinical Microbiology
(PIT PAMKI)
2019**

Roslanti Rusydi

**Harris Hotel & Conventions
13th-15th September 2019
Malang, Indonesia**



PLENARY LECTURE and SYMPOSIA



EMP
Enseval Medika Prima

LIST ORAL PRESENTERS

No	Name	Code	Title	Time – Location
1.	Qori ^a atul Putri Nurmala	OP 1	The incidence of MDR-TB based on Gen Xpert examination with previous tuberculosis drugs treatment history	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
2.	Ghazia Sekar Negari	OP 2	Plateletcrit and Platelet Larger Cell Ratio as Biomarker of Sepsis at Ventilator Associated Pneumonia Compared with Procalcitonin on Bacterial Infection	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
3.	Nurina Risanty	OP 3	In Vitro Antifungal Susceptibility Testing of Chitosan Against <i>Candida albicans</i> ATCC 10231	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
4.	Risa Agustina	OP 4	The Comparison of Giemsa , HE , GMS HE Staining in the Diagnosis of <i>Candida</i> in Gaster Perforation	BALL ROOM 1 (Sabtu 14 September 2019) 15.30-17.00
5.	Kian Sinanjung	OP 5	The Proportion Of Extended Spectrum Beta Lactamase (ESBL)-Producing <i>Klebsiella pneumoniae</i> Clinical Isolates And Its Susceptibility Pattern To Antibiotics At A Tertiary Teaching Hospital	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
6.	Diani dwi Indrasari	OP 6	Candiduria : Prevalence and Trends in Antifungal Susceptibility in RS Dr Sutomo	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
7.	Olivia Waworuntu	OP 7	Phenotypic and Genotypic Characterization of Extended-Spectrum-B-Lactamase (ESBL) Producing <i>Klebsiella pneumoniae</i> at Dr.Wahidin Sudirohusodo Hospital From January – June 2019	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
8.	Farida Rachmawaty J	OP 8	The Potentials Of Red Betel Vine (<i>Piper crocatum</i>) Leaves Essential Oil As Antiseptic Gel With Excipient Variations	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
9.	Pristiawan Endraputra N	OP 9	Effect of Incubation Time of <i>Staphylococcus aureus</i> on Biofilm Formation	BALL ROOM 1 (Sabtu 14 Sept 201) 15.30-17.00
✓ 10.	Netti Suharti	OP 10	Diagnostic Test Latex Agglutination Of Polyclonal Antibody In <i>Mycobacterium tuberculosis</i> Sputum Suspect Tuberculosis Patient	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
11.	Andani Eka Putra	OP 11	Whole Genom Sequencing Analysis To Drug Resistance of <i>M. tuberculosis</i> Based on Genom Variation and phylogeni	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
12.	dr Dwi Yuni Nur	OP 12	Effectivity Antibacterial Nut Grass rhizome (<i>Cyperus rotundus</i>) with Microwave Assisted Extraction(MAE) to <i>Pseudomonas Aeruginosa</i> In Vitro	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
13.	dr Siwipeni I Rahayu	OP 13	Persistence of resistance of <i>Acinetobacter baumannii</i> isolates found in Saiful Anwar General Hospital's	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
14.	Eka N Nawangsih	OP14	The Effect of Soygurt <i>Lactobacillus acidophilus</i> on Blood Glucose Levels in Alloxan-Induced Diabetic Rats	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
15.	Patricia M Tauran	OP15	Emergence of Melioidosis in Indonesia and Today's Challenges	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
16.	Manik Wahyunitisari R	OP20	Prevalence of Sorbitol Non-Fermenting Shiga Toxin-Producing <i>Escherichia coli</i> of Beef around Surabaya, Indonesia	BALL ROOM 1 (Sabtu 14 Sept 2019) 15.30-17.00
17.	Candra IKDBA	OP17	Phenotypes and Molecular Characteristic of Extended-Spectrum b-lactamases Producing Enterobacteriaceae isolated from intensive Care Unit at Sanglah General hospital in Denpasar, Bali, Indonesia	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00

18.	M Setiabudy	OP18	Infection Markers Comparison of Patients with One and Two Sides Positive Blood Culture with Multiple Drug Resistant Organism at Sanglah Hospital	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
19.	Kadek Suryawan	OP19	Conformity Level Analysis of Empirical Antibiotic Therapy in Pneumonia Patients Assessed from the Microbiological and Cost Aspects at Sanglah Hospital, Denpasar, Bali	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00
20.	Merry puspita	OP16	Comparison of Resistance Profile of Salmonella Typhi from Blood Culture between Dr. Soetomo Hospital, Surabaya and Atma Jaya Microbiology Laboratory, Jakarta	SMILEY ROOM (Sabtu 14 Sept 2019) 15.00-17.00

OP10. Diagnostic Test Latex Agglutination of Polyclonal Antibody In *Mycobacterium tuberculosis* Sputum Suspect Tuberculosis Patient

Netti Suharti, Efrida, Prima O. Damhuri, Andani E. Putra

Department of Microbiology Andalas University

Abstract

Background: Tuberculosis is still a health problem in the world. Various methods have been developed to obtain diagnostic tools that are fast, simple, inexpensive, and do not require special ability in examination. Latex agglutination of polyclonal antibody tests based on the agglutination reaction formed due to the interaction between antigen and antibody.

Objective: Our study is a diagnostic test that aims to assess sensitivity, specificity, positive predictive value, and negative predictive value of the latex agglutination test to Lowenstein Jensen culture.

Methods: This examination is conducted against 100 suspected tuberculosis patients at the Microbiology Laboratory of the Medical Faculty of Andalas University from January 2018 to January 2019. Latex agglutination test used polyclonal antibody that was harvested from the immunization of rabbits using crude protein from filtrate culture *Mycobacterium tuberculosis*. Polyclonal antibodies obtained coated into latex particles, then reacted with a test sample and observe the agglutination.

Results: The results are included in 2x2 table, then put into the diagnostic formula. Our results of this study, obtained 25 patients with positive culture results and 75 people with negative results. The sensitivity and specificity latex agglutination of polyclonal antibody test were 92% and 82.67%. Positive predictive value and negative predictive value are 63.89% and 96.86%.

Conclusion: The conclusion of this study is the latex agglutination of polyclonal antibodies have a good sensitivity values and negative predictive values.

Keywords: *agglutination, polyclonal antibody, tuberculosis, diagnostic test*

Sunday, 15th September 2019
Unique Ballroom 1

Time	Program
Symposium 4	
Theme: Melioidosis	
Moderator: Prof Dr dr Tri Wibawa SpMK(K) PhD	
08.30 – 08.50	Topic 1: Global distribution and clinical presentation of melioidosis (Dr Robert Norton – Australia)
08.50 – 09.10	Topic 2: Strategy to detect <i>Burkholderia pseudomallei</i> in the soil and water, and how Melioidosis, AMR, and clinical microbiology laboratory network can benefit each other (Dr Direk Limmathurotsakul - Thailand)
09.10 – 09.25	Discussion
Symposium 5	
Theme: Infection Prevention and Control	
Moderator: dr Didi Candradikusuma SpPD KPTI	
09.30 – 09.50	Topic 1: Airborne transmission precautions in operating room (dr Juliette Severin PhD – Netherlands)
09.50 – 10.10	Topic 2: Attitudes, behaviour, and risk of infection in operating room (dr Paksi Satyagraha MKes SpU)
10.10 – 10.25	Discussion
Symposium 6	
Theme: Strengthening on National Laboratory System	
Moderator: Prof Dr dr Sanarto Santoso SpMK(K)	
10.30 – 10.50	Topic 1: Quality management system in the clinical microbiology laboratory: implementation in limited resources laboratories (Prof dr Henri Verbrugh PhD – Netherlands)
10.50 – 11.10	Topic 2: Developing a clinical microbiology laboratory network in Indonesia: dream comes true (Prof Dr dr Kuntaman MS SpMK(K))
11.10 – 11.25	Discussion
11.30 – 12.00	Closing Ceremony
12.00 – 13.00	Lunch