

DAFTAR PUSTAKA

- Abbasian, M. *et al.* (2016) "Vitamin D Deficiency in Pregnant Women and Their Neonates," *Global Journal of Health Science*, 8(9), p. 83. Available at: <https://doi.org/10.5539/gjhs.v8n9p83>.
- Abu-Samak, M.S. *et al.* (2019) "Correlation of selected stress associated factors with vitamin D deficiency in Jordanian men and women," *International Journal of General Medicine*, 12, pp. 225–233. Available at: <https://doi.org/10.2147/IJGM.S198175>.
- Agha, A.E. Al *et al.* (2016) "The Effect of Socioeconomic Status on Vitamin D Level in Children's and Adolescents Living at Jeddah, Saudi Arabia," *Evidence based Medicine and Practice*, 02(02). Available at: <https://doi.org/10.4172/2471-9919.1000109>.
- Aghajafari, F. *et al.* (2013) "Association between maternal serum 25-hydroxyvitamin D level and pregnancy and neonatal outcomes: Systematic review and meta-analysis of observational Studies," *BMJ (Online)*, 346(7902), pp. 1–14. Available at: <https://doi.org/10.1136/bmj.f1169>.
- Augustin, H. *et al.* (2020) "Late Pregnancy Vitamin D Deficiency is Associated with Doubled Odds of Birth Asphyxia and Emergency Caesarean Section: A Prospective Cohort Study," *Maternal and Child Health Journal*, 24(11), pp. 1412–1418. Available at: <https://doi.org/10.1007/s10995-020-02999-z>.
- Barrett, H. and McElduff, A. (2010) "Vitamin D and pregnancy: An old problem revisited," *Best Practice and Research: Clinical Endocrinology and Metabolism*, 24(4), pp. 527–539. Available at: <https://doi.org/10.1016/j.beem.2010.05.010>.
- Bikle, D.D. (2021) "Vitamin D: Production, Metabolism and Mechanisms of Action," *MDText.com, Inc.* [Preprint].
- Bitana, E.B., Lachore, S.T. and Utallo, A.U. (2024) "The influence of household size on socioeconomic conditions of rural farm households in Damot Woyde District, Wolaita Zone, Southern Ethiopia," *Cogent Social Sciences*, 10(1). Available at: <https://doi.org/10.1080/23311886.2024.2358153>.
- Buhr, P., Lutz, K. and Peter, T. (2018) "The influence of the number of siblings on expected family size in a cohort of young adults in Germany," *Demographic Research*, 39, pp. 315–336. Available at: <https://doi.org/10.4054/DemRes.2018.39.10>.
- Chang, S.W. and Lee, H.C. (2019) "Vitamin D and health - The missing vitamin in humans," *Pediatrics and Neonatology*, 60(3), pp. 237–244. Available at: <https://doi.org/10.1016/j.pedneo.2019.04.007>.

- Chauhan, K., Shahrokhi, M. and Huecker., M.R. (2023) "Vitamin D," *StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing* [Preprint].
- Dougherty, J.M., Alsayouri, K. and Sadowski., A. (2023) "Allergy," *StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing* [Preprint].
- Elly, N., Indaryani, I. and Lasmadasari, N. (2021) "Studi Prevalensi dan Faktor-Faktor yang Berpengaruh terhadap Status Defisiensi Vitamin D pada Ibu Hamil," *Jurnal Kebidanan dan Keperawatan Aisyiyah*, 16(2), pp. 206–216. Available at: <https://doi.org/10.31101/jkk.1902>.
- Al Emadi, S. and Hammoudeh, M. (2013) "Vitamin D study in pregnant women and their babies," *Qatar Medical Journal*, 2013(1). Available at: <https://doi.org/10.5339/qmj.2013.7>.
- Fink, C. *et al.* (2019) "Factors affecting vitamin D status in infants," *Children*, 6(1), pp. 1–13. Available at: <https://doi.org/10.3390/children6010007>.
- Giannetti, A. *et al.* (2020) "Role of Vitamin D in Prevention of Food Allergy in Infants," *Frontiers in Pediatrics*, 8(August), pp. 1–9. Available at: <https://doi.org/10.3389/fped.2020.00447>.
- Grieger, J.A. *et al.* (2016) "In utero Programming of Allergic Susceptibility," *International Archives of Allergy and Immunology*, 169(2), pp. 80–92. Available at: <https://doi.org/10.1159/000443961>.
- Hussaana, A., Zulaikhah, S.T. and Ratnawati, R. (2023) "Food Consumption Pattern Affects Vitamin D Levels and Quality of Life in Children during the Second Growth Spurt Period," *Amerta Nutrition*, 7(1), pp. 45–53. Available at: <https://doi.org/10.20473/amnt.v7i1.2023.45-53>.
- Issadikin, D.T. (2023) "Hubungan Jumlah Anak dalam Keluarga dengan Status Gizi Pada Balita di Desa Pandansari Kecamatan Senduro Kabupaten Lumajang," *Community Health Nursing Journal*, 1(1).
- Jones, A.P. *et al.* (2012) "Cord blood 25-hydroxyvitamin D3 and allergic disease during infancy," *Pediatrics*, 130(5), pp. 1128–1135. Available at: <https://doi.org/10.1542/peds.2012-1172>.
- Karmaus, W. (2002) "Does a higher number of siblings protect against the development of allergy and asthma? A review," *Journal of Epidemiology & Community Health*, 56(3), pp. 209–217. Available at: <https://doi.org/10.1136/jech.56.3.209>.
- Kochar, I., Vij, V. and Sethi, A. (2019) "Prevalence of Vitamin D deficiency in cord blood," *Journal of Clinical Neonatology*, 8(1), p. 10. Available at: https://doi.org/10.4103/jcn.jcn_21_18.
- Lisik, D. *et al.* (2023) "Birth order, sibship size, and risk of atopic dermatitis, food allergy, and atopy: A systematic review and meta-analysis," *Clinical and*

Translational Allergy, 13(6). Available at:
<https://doi.org/10.1002/clt2.12270>.

- Mansur, J.L. *et al.* (2022) “Vitamin D: Before, during and after Pregnancy: Effect on Neonates and Children,” *Nutrients*, 14(9), pp. 1–18. Available at: <https://doi.org/10.3390/nu14091900>.
- Mao, D. *et al.* (2023) “The Association of Prenatal Vitamin D Status With Pregnancy and Neonatal Outcomes,” *Journal of the Endocrine Society*, 8(1). Available at: <https://doi.org/10.1210/jendso/bvad142>.
- Meija, L. *et al.* (2023) “Vitamin D Intake and Serum Levels in Pregnant and Postpartum Women,” *Nutrients*, 15(15), p. 3493. Available at: <https://doi.org/10.3390/nu15153493>.
- Mesfin, S. *et al.* (2024) “Only two in five pregnant women have adequate dietary diversity during antenatal care at Hiwot Fana Specialized University Hospital in Eastern Ethiopia,” *Journal of Nutritional Science*, 13, pp. 1–7. Available at: <https://doi.org/10.1017/jns.2024.7>.
- Miyake, Y., Tanaka, K. and Arakawa, M. (2011) “Sibling number and prevalence of allergic disorders in pregnant Japanese women: baseline data from the Kyushu Okinawa Maternal and Child Health Study,” *BMC Public Health*, 11(1), p. 561. Available at: <https://doi.org/10.1186/1471-2458-11-561>.
- Motlagh, A.J., Davoodvandi, A. and Saeieh, S.E. (2023) “Association between vitamin D level in mother’s serum and the level of vitamin D in the serum of pre-term infants,” *BMC Pediatrics*, 23(1), p. 97. Available at: <https://doi.org/10.1186/s12887-023-03854-0>.
- Naik, K.D. *et al.* (2015) “Cord Blood Vitamin D Levels of Term Neonates,” *Indian Pediatr*, 52, pp. 75–76.
- Noriega, D.B. and Savelkoul, H.F.J. (2021) “Vitamin D and Allergy Susceptibility during Gestation and Early Life,” *Nutrients*, 13, p. 1015. Available at: [https://doi.org/10.1016/S0262-4079\(13\)61617-6](https://doi.org/10.1016/S0262-4079(13)61617-6).
- Öztürk, Y.D. *et al.* (2022) “Comparison of Umbilical Cord and Postnatal Fourth Month Serum 25-OH Vitamin D Levels of Late Preterm and Term Infants,” *Cam and Sakura Medical Journal*, 2(3), pp. 103–109. Available at: <https://doi.org/10.4274/csmedj.galenos.2022.2022-10-4>.
- Palmer, D.J. *et al.* (2015) “Higher cord blood 25-hydroxyvitamin D concentrations reduce the risk of early childhood eczema: In children with a family history of allergic disease,” *World Allergy Organization Journal*, 8(1), pp. 1–7. Available at: <https://doi.org/10.1186/s40413-015-0077-9>.
- Park, H. *et al.* (2017) “Placental Vitamin D metabolism and its associations with circulating Vitamin D metabolites in pregnant women,” *American Journal*

- of *Clinical Nutrition*, 106(6), pp. 1439–1448. Available at: <https://doi.org/10.3945/ajcn.117.153429>.
- Perkin, M.R. and Strachan, D.P. (2022) “The hygiene hypothesis for allergy – conception and evolution,” *Frontiers in Allergy*, 3. Available at: <https://doi.org/10.3389/falgy.2022.1051368>.
- Plesner, J.L. *et al.* (2018) “Obesity is associated with vitamin D deficiency in Danish children and adolescents,” *Journal of Pediatric Endocrinology and Metabolism*, 31(1), pp. 53–61. Available at: <https://doi.org/10.1515/jpem-2017-0246>.
- Pourarian, S. *et al.* (2024) “Association between the Maternal and Umbilical Cord Blood Vitamin D: A Cross-sectional Study,” *Iranian Journal of Neonatology*, 15(3). Available at: <https://doi.org/10.22038/IJN.2024.77268.2498>.
- Prabhu, A. V. *et al.* (2016) “A vital enzyme switch between cholesterol and vitamin D production,” *Progress in Lipid Research*, 64, pp. 138–151. Available at: <https://doi.org/10.1016/j.plipres.2016.09.003>.
- Puspa, A.R., Anwar, F. and Khomsan, A. (2020) “Socioeconomic Characteristics, Nutritional Status, Health Status, and Quality of Life among Tea Plantation Workers in Pangalengan, West Java, Indonesia,” *Jurnal Gizi dan Pangan*, 15(2), pp. 91–100. Available at: <https://doi.org/10.25182/jgp.2020.15.2.91-100>.
- Rahman, H. *et al.* (2013) “A study on nutritional status of pregnant woman in south-west region of Bangladesh,” *International Research Journal of Pharmaceutical and Applied Sciences*, 3(2), pp. 54–58.
- Roberts, K. *et al.* (2018) “Empirically Derived Dietary Patterns in UK Adults Are Associated with Sociodemographic Characteristics, Lifestyle, and Diet Quality,” *Nutrients*, 10(2). Available at: <https://doi.org/10.3390/nu10020177>.
- Sammallahti, S. *et al.* (2023) “Prenatal maternal and cord blood vitamin D concentrations and negative affectivity in infancy,” *European Child and Adolescent Psychiatry*, 32(4), pp. 601–609. Available at: <https://doi.org/10.1007/s00787-021-01894-4>.
- Say, B. *et al.* (2017) “Effects of cord blood vitamin D levels on the risk of neonatal sepsis in premature infants,” *Korean Journal of Pediatrics*, 60(8), pp. 248–253. Available at: <https://doi.org/10.3345/kjp.2017.60.8.248>.
- Scully, H. *et al.* (2022) “Low socioeconomic status predicts vitamin D status in a cross-section of Irish children,” *Journal of nutritional science*, 11, p. e61. Available at: <https://doi.org/10.1017/jns.2022.57>.

- Sizar, O. *et al.* (2023) "Vitamin D Deficiency," *StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing [Preprint]*. Available at: <https://doi.org/10.1016/j.abb.2011.11.018>.
- Sunarno, R.D., Kartasurya, M.I. and Wigati, A., 2022. Vitamin D supplementation and sun exposure maintain blood pressures of pregnant women and increase birth weight in a randomized controlled trial. *Nutrients*, 11(12), p.3062.
- Treiber, M. *et al.* (2020) "Association between umbilical cord vitamin D levels and adverse neonatal outcomes," *Journal of International Medical Research*, 48(10). Available at: <https://doi.org/10.1177/0300060520955001>.
- Urrutia-pereira, M. and Solé, D. (2015) "Vitamin D deficiency in pregnancy and its impact on," *Revista paulista de pediatria*, 33(1), pp. 104–113.
- Vierucci, F. *et al.* (2021) "Gestational Vitamin D3 Supplementation and Sun Exposure Significantly Influence Cord Blood Vitamin D Status and 3-Epi-25-Hydroxyvitamin D3 Levels in Term Newborns," *Clinica Chimica Acta*, 524(4).
- Wahlqvist, M.L. (2013) "Vitamin D status and food security in North-East Asia," *Asia Pacific Journal of Clinical Nutrition*, 22(1), pp. 1–5. Available at: <https://doi.org/10.6133/apjcn.2013.22.1.21>.
- Wierzejska, R. *et al.* (2018) "Maternal and cord blood vitamin D status and anthropometric measurements in term newborns at birth," *Frontiers in Endocrinology*, 9(JAN), pp. 3–8. Available at: <https://doi.org/10.3389/fendo.2018.00009>.
- Wulandari, Y. and Martha, E. (2025) "Peran Saudara Kandung terhadap Permasalahan Gizi Balita di Lingkungan Keluarga," *Malahayati Nursing Journal*, 7(2), pp. 922–934. Available at: <https://doi.org/10.33024/mnj.v7i2.18708>.
- Yu, M., Liu, X. and Li, J. (2020) "Factors Influencing Vitamin D Levels in Neonatal Umbilical Cord Blood: A Two-Center Study From Tibet and Shenyang," *Frontiers in Pediatrics*, 8(November), pp. 1–9. Available at: <https://doi.org/10.3389/fped.2020.543719>.
- Zhang, P., Xu, Q. and Zhu, R. (2024) "Vitamin D and allergic diseases," *Frontiers in Immunology*, 15(July), pp. 1–14. Available at: <https://doi.org/10.3389/fimmu.2024.1420883>.
- Zheng, S.H. *et al.* (2023) "Antioxidant vitamins supplementation reduce endometriosis related pelvic pain in humans: a systematic review and meta-analysis," *Reproductive Biology and Endocrinology*, 21(1), pp. 1–16. Available at: <https://doi.org/10.1186/s12958-023-01126-1>.

Zmijewski, M.A. (2019) “Vitamin D and human health,” *International Journal of Molecular Sciences*, 20(1). Available at: <https://doi.org/10.3390/ijms20010145>.

Lampiran 1. Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
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REKOMENDASI PERSETUJUAN ETIK

Nomor : 810/UN4.6.4.5.31/ PP36/ 2025

Tanggal: 17 Oktober 2025

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH25080647	No Sponsor	
Peneliti Utama	dr. Yunita Purnamasari	Sponsor	
Judul Peneliti	HUBUNGAN ANTARA JUMLAH SAUDARA KANDUNG TERHADAP KADAR VITAMIN D DARAH TALIS PUSAR BAYI BARU LAHIR.		
No Versi Protokol	2	Tanggal Versi	16 Oktober 2025
No Versi PSP	2	Tanggal Versi	16 Oktober 2025
Tempat Penelitian	RSU Cahaya Medika dan RSIA Malebu Husada Makassar		
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal	Masa Berlaku 17 Oktober 2025 sampai 17 Oktober 2026	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	Prof.dr. Firdaus Hamid, PhD, SpMK(K)	Tanda tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

Lampiran 2. Surat Izin Penelitian



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
LEMBAGA PENELITIAN DAN PENGABDIAN MASYARAKAT
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Laman : <http://lp2m.unhas.ac.id> email : lp2m@unhas.ac.id

Nomor : 1671/UN4.22.2/PT.01.04/2022 Makassar, 24 Juni 2022
Lamp. : 1 (Satu) Set
Hal : Surat Izin Penelitian

Yth. : Dinas Kesehatan Kota Makassar
di
Makassar

Dengan ini kami sampaikan bahwa Lembaga Penelitian dan Pengabdian Kepada Masyarakat (LPPM) Universitas Hasanuddin bermaksud melaksanakan kegiatan Penelitian Riset Kolaborasi Indonesia pada tanggal 20 Juni 2022 sampai selesai dengan judul :

" Kadar Vitamin D Tali Pusat dan Dampaknya Pada Kesehatan Bayi dan Anak: Suatu Penelitian Kohort (Vitadi Study)"

Ketua Tim Pelaksana : Prof. dr. Nasrum Massi, Ph.D. Sp.MK.

Anggota Peneliti : 1. dr. Bahrul Fikri, M.Kes, Sp.A. Ph.D.
2. Dr. dr. Aidah Juliaty A. Baso, Sp.A(K), Sp.GK.
3. Dr. dr. Ema Alasiry, Sp.A(K).
4. Dr. Sri Hardiyanti Putri, Sp.A.

Staf Pendukung : -

Mahasiswa Pengikut : dr. Dian Jabal Rahma, dr. Hardiyanti, dr. Yunita Purnamasari,
dr. L.M. Isvan Davis

Lokasi Penelitian : RSIA Kota Makassar

Sehubungan dengan hal tersebut, dengan hormat dimohon kiranya berkenan memberikan izin untuk melakukan penelitian dan pengambilan data sesuai dengan judul penelitian yang bersangkutan.

Atas perhatian dan kerjasamanya, disampaikan terima kasih.



Tembusan :

1. Ketua LPPM (Sebagai Laporan);
2. Wakil Rektor Bidang Riset, Inovasi dan Kemitraan Unhas;
3. Kabag. Tata Usaha LPPM Unhas;
4. Pertiinggal.

Lampiran 3. Data Penelitian

No (Alt)	Nama Bayi	Jenis Kelamin	Tanggal Lahir	SC/Spontan	BBL	PBL	Usia ibu	Pendidikan Ayah	Pendidikan Ibu	Pendapatan Orang Tua			Riw. Konsumsi Vitamin	Riw. Konsumsi Vitamin D	Susu Selama Hamil	Jumlah Saudara Kandung	Vitamin D					
										Ayah	Ibu						Plate	Well	Group	Type	Original [Abs]	Fitted conc.
1	By S	Laki-laki	8/8/2022	Spontan	3700	50	27	SMA	SMA	1-2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	H01	Assay	Unknown	0.6039	13.1254
2	By SR	Laki-laki	7/8/2022	Spontan	3350	50	23	D3	SMA	2.5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	D02	Assay	Unknown	0.5618	11.9388
3	By BL	Laki-laki	7/8/2022	SC	3195	50	38	SMA	SMA	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	E02	Assay	Unknown	0.4943	10.0362
4	By MM	Laki-laki	7/8/2022	Spontan	3210	48	31	SMA	S1	2 JT	2 JT	2	YA	TIDAK	YA (LACTAMIL)	2	Plate 1	G02	Assay	Unknown	0.5973	12.9394
5	By AA	Laki-laki	8/8/2022	Spontan	2810	46	26	S2	S1	5 JT	5 JT	2	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	H02	Assay	Unknown	0.5859	12.6180
6	By I	Perempuan	8/8/2022	SC	2620	47	42	SMA	SMP	1 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	F02	Assay	Unknown	0.8724	20.6934
7	By SHN	Perempuan	8/8/2022	SC	3115	46	29	S1	S1	5 JT	0	2	YA	YA	YA (PRENAGEN)	1	Plate 1	C02	Assay	Unknown	0.5343	11.1636
8	By Q	Laki-laki	8/8/2022	SC	3690	50	30	S2	S1	15 JT	0	2	YA	YA	YA (PRENAGEN)	1	Plate 1	B02	Assay	Unknown	0.691	15.5804
9	By SY	Laki-laki	7/8/2022	SC	3030	53	21	SMA	SMA	1.5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	G01	Assay	Unknown	0.8108	18.9572
10	By AJ	Perempuan	10/8/2022	SC	2620	51	18	SD	SMP	belum bekerja	0	1	TIDAK	TIDAK	YA (ANMUM)	0	Plate 1	D03	Assay	Unknown	0.5897	12.7252
11	By M	Perempuan	8/10/2022	Spontan	3120	49	21	S1	SMA	4 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	E03	Assay	Unknown	0.4407	8.5254
12	By SM	Laki-laki	8/12/2022	SC	2790	46	23	SMA	SMA	1-2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	F03	Assay	Unknown	0.5934	12.8294
13	By E	Perempuan	8/15/2022	Spontan	3200	47	28	S1	S1	7.5 JT	0	2	YA	YA	YA (LACTAMIL)	1	Plate 1	H03	Assay	Unknown	0.783	18.1736
14	By MY	Laki-laki	8/15/2022	Spontan	3720	50	37	S1	S1	3.2 JT	4.7 JT	2	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	A04	Assay	Unknown	0.6657	14.8673
15	By MR	Perempuan	8/18/2022	Spontan	3000	50	29	SMA	SMA	2.5 JT	0	1	YA	TIDAK	YA (ANMUM)	2	Plate 1	G04	Assay	Unknown	0.6417	14.1906
16	By AT	Laki-laki	8/23/2022	Spontan	2770	46.5	25	S2	S1	8 JT	0	2	YA	YA	YA (PRENAGEN)	2	Plate 1	B05	Assay	Unknown	0.5791	12.4264
17	By RW	Perempuan	23/8/2022	SC	2825	49	30	SMA	SMA	2 JT	0	1	YA	YA	YA (PRENAGEN)	1	Plate 1	A05	Assay	Unknown	0.7812	18.1228
18	By NH	Laki-laki	8/24/2022	Spontan	2945	47	29	SMA	SMA	1-2 JT	0	1	YA	TIDAK	TIDAK	2	Plate 1	D05	Assay	Unknown	0.8032	18.7429
19	By SK	Perempuan	8/26/2022	Spontan	2620	45	17	S1	SMA	3 JT	0	1	YA	YA	YA (PRENAGEN)	0	Plate 1	F05	Assay	Unknown	0.5976	12.9478
20	By H	Laki-laki	8/26/2022	Spontan	2970	49	30	S1	SMA	5 JT	0	2	YA	YA	TIDAK	1	Plate 1	E05	Assay	Unknown	0.5771	12.3700
21	By F	Laki-laki	8/27/2022	SC	2875	47	31	S1	S1	5 JT	11 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	G05	Assay	Unknown	0.5047	10.3293
22	By W	Perempuan	8/26/2022	SC	3330	50	38	SMA	S1	3 JT	2 JT	2	YA	TIDAK	YA (ANMUM)	2	Plate 1	H05	Assay	Unknown	0.5593	11.8683
23	By ES	Laki-laki	8/30/2022	SC	2680	48	21	S1	SMA	4 JT	0	2	TIDAK	TIDAK	TIDAK	1	Plate 1	C06	Assay	Unknown	0.7509	17.2688
24	By HL	Perempuan	3/9/2022	SC	3375	55	37	SMA	SMP	1-2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	D06	Assay	Unknown	1.1569	28.7125
25	By N	Laki-laki	11/9/2022	SC	3190	53	34	SMP	SMA	1-2 JT	0	1	YA	TIDAK	YA (LACTAMIL)	3	Plate 1	G06	Assay	Unknown	0.6468	14.3346
26	By SHR	Perempuan	9/9/2022	SC	2925	49	41	SMP	SD	1-2 JT	0	1	YA	TIDAK	TIDAK	1	Plate 1	E06	Assay	Unknown	0.5896	12.7223
27	By ANT	Perempuan	9/19/2022	Spontan	3130	49	22	S1	SMA	5 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	G07	Assay	Unknown	0.4994	10.1799
28	By AS	Laki-laki	9/19/2022	Spontan	3705	50	26	S1	S1	5 JT	5 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	E07	Assay	Unknown	0.5976	12.9478
29	By YY	Laki-laki	16/09/2022	SC	3080	49	27	S1	S1	5-6 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	H06	Assay	Unknown	0.6189	13.5482
30	By NJ	Perempuan	16/09/2022	Spontan	2680	47	25	S1	SMA	3-4 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	A07	Assay	Unknown	0.6294	13.8442
31	By SRK	Perempuan	19/09/2022	Spontan	2955	49	28	S1	S1	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	D07	Assay	Unknown	0.7767	17.9960
32	By SA	Perempuan	19/09/2022	Spontan	3420	50	30	S1	SMA	5-6 JT	0	2	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	B07	Assay	Unknown	0.8364	19.6787
33	By DK	Perempuan	9/18/2022	Spontan	2665	47	25	S1	SMA	4-5 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	C07	Assay	Unknown	0.9024	21.5390
34	By Y	Perempuan	9/21/2022	Spontan	2765	49	39	SMA	S1	3 JT	3-4 JT	2	YA	YA	YA (PRENAGEN)	3	Plate 1	C08	Assay	Unknown	0.5681	12.1163
35	By AR	Laki-laki	9/23/2022	Spontan	3280	50	33	S1	S1	5 JT	3.5 JT	2	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	A08	Assay	Unknown	0.5106	10.4956
36	By T	Laki-laki	17/9/2022	SC	3370	48	39	SMA	SMA	1.5 JT	1 JT	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	E08	Assay	Unknown	0.553	11.6907
37	By FT	Laki-laki	9/24/2022	Spontan	3455	50	32	S1	S1	5 JT	3-5 JT	2	YA	YA	YA (PRENAGEN)	0	Plate 1	D08	Assay	Unknown	1.3088	32.9940
38	By RWY	Perempuan	9/24/2022	Spontan	2995	48	33	SMA	SMP	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	F08	Assay	Unknown	0.5175	10.6901
39	By Di	Laki-laki	9/25/2022	Spontan	3000	49	27	SMA	SMA	3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	G08	Assay	Unknown	0.5787	12.4151
40	By L	Laki-laki	9/25/2022	Spontan	3160	46	23	SMA	SMA	1-2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	A09	Assay	Unknown	0.7801	18.0918
41	By NH	Perempuan	9/25/2022	Spontan	2800	47	23	SMA	SMP	2.5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	H08	Assay	Unknown	0.5243	10.8818
42	By NF	Perempuan	22/9/2022	SC	3370	54	29	SMP	SD	1-2 JT	0	1	YA	TIDAK	YA (SGM)	1	Plate 1	C10	Assay	Unknown	0.7526	17.3167
43	By JH	Laki-laki	23/9/2022	SC	3270	50	25	S1	S1	2-4 JT	2-3 JT	2	TIDAK	TIDAK	YA (PRENAGEN)	0	Plate 1	D09	Assay	Unknown	0.5744	12.2939
44	By RN	Laki-laki	23/9/2022	SC	2825	48	24	SMA	SMA	2 JT	0	1	TIDAK	TIDAK	TIDAK	1	Plate 1	G09	Assay	Unknown	0.7626	17.5966
45	By MD	Laki-laki	24/9/2022	SC	2925	49	24	SMA	SMA	3 JT	1 JT	2	TIDAK	TIDAK	YA (PRENAGEN)	1	Plate 1	C09	Assay	Unknown	0.8298	19.4927
46	By B	Perempuan	9/27/2022	Spontan	3020	48	27	S1	SMA	3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	F09	Assay	Unknown	0.5544	11.7302
47	By CD	Perempuan	9/27/2022	SC	4385	50	23	S2	S1	7 JT	5 JT	2	YA	YA	YA (ANMUM)	0	Plate 1	A10	Assay	Unknown	1.1395	28.2220
48	By R	Laki-laki	9/27/2022	Spontan	3040	49	26	SMA	SMA	1-2 JT	1 JT	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	H09	Assay	Unknown	0.8153	19.0840
49	By AS	Perempuan	9/28/2022	Spontan	3050	50	31	SMP	SMA	1 JT	1 JT	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	A11	Assay	Unknown	0.7008	15.8567
50	By AD	Laki-laki	9/29/2022	Spontan	3445	48	40	S1	S1	5-6 JT	0	2	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	H10	Assay	Unknown	0.7152	16.2625
51	By AF	Perempuan	10/1/2022	Spontan	3325	48	30	SMA	SMA	3.5 JT	0	1	YA	TIDAK	TIDAK	1	Plate 1	G10	Assay	Unknown	0.5935	12.8323
52	By DKD	Perempuan	10/13/2022	SC	3,045	45	27	SMA	SMA	2 JT	0	1	YA	TIDAK	TIDAK	2	Plate 1	B12	Assay	Unknown	0.5394	11.3074
53	By NRL	Laki-laki	10/15/2022	SC	2680	46	35	SMA	SMP	2 JT	0	1	TIDAK	TIDAK	TIDAK	2	Plate 1	E09	Assay	Unknown	0.4955	10.0700
54	By AP	Perempuan	10/1/2022	Spontan	3325	48	29	S1	SMA	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	B04	Assay	Unknown	0.6198	13.5736
55	By ASD	Perempuan	10/2/2022	SC	3115	49	37	SD	SMP	2 JT	0	1	TIDAK	TIDAK	YA (PRENAGEN)	0	Plate 1	C11	Assay	Unknown	0.5119	10.5323
56	By SKJ	Perempuan	10/3/2022	SC	3125	51	36	SD	SD	0	2 JT	1	TIDAK	TIDAK	YA (PRENAGEN)	0	Plate 1	B11	Assay	Unknown	0.758	17.4689
57	By R	Perempuan	10/3/2022	Spontan	2980	48	28	SMA	SMA	2 JT	0	1	TIDAK	TIDAK	TIDAK	1	Plate 1	D11	Assay	Unknown	0.5183	10.7126
58	By W	Laki-laki	10/7/2022	SC	3730	54	19	S1	SMA	3-5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	F11	Assay	Unknown	0.5418	11.3750
59	By YL	Laki-laki	10/6/2022	SC	2500	48	21	SMA	SMA	3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	E11	Assay	Unknown	0.7275	16.6092

No (Alt)	Nama Bayi	Jenis Kelamin	Tanggal Lahir	SC/Spontan	BBL	PBL	Usia Ibu	Pendidikan Ayah	Pendidikan Ibu	Pendapatan Orang Tua			Riw. Konsumsi Vitamin	Riw. Konsumsi Vitamin D	Susu Selama Hamil	Jumlah Saudara Kandung	Vitamin D					
										Ayah	Ibu						Plate	Well	Group	Type	Original (Abs)	Fitted conc.
80	By MF	Perempuan	10/10/2022	SC	2760	46	31	S1	S1	5 JT	0	2	YA	TIDAK	YA (SGM)	4	Plate 1	H11	Assay	Unknown	0.7633	17.5183
81	By RA	Perempuan	10/11/2022	SC	3330	47	23	S1	SMA	4.5 JT	0	2	YA	TIDAK	TIDAK	1	Plate 1	A12	Assay	Unknown	0.517	10.6760
82	By SRC	Laki-laki	10/15/2022	SC	2710	51	22	SMA	S1	2-5 JT	0	1	YA	TIDAK	TIDAK	0	Plate 1	A08	Assay	Unknown	0.7238	13.6740
83	By NY	Perempuan	10/20/2022	SC	2930	50	23	SMA	SMA	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	B08	Assay	Unknown	0.5377	9.6098
84	By AH	Laki-laki	10/19/2022	Spontan	3515	47	34	SMA	SMA	1-3 JT	1-3 JT	1	YA	TIDAK	TIDAK	1	Plate 1	D08	Assay	Unknown	0.7379	13.9877
85	By RWR	Perempuan	10/25/2022		2690	49	17	SMA	SMP	1 JT	0	1	YA	TIDAK	TIDAK	0	Plate 1	E08	Assay	Unknown	0.5759	10.4330
86	By ID	Perempuan	10/24/2022	SC	3000	50	25	D3	SMA	2-3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	F08	Assay	Unknown	0.5130	9.0804
87	By NA	Perempuan	10/25/2022	SC	2815	49	38	SMA	SMA	3 JT	0	1	TIDAK	TIDAK	TIDAK	3	Plate 1	G08	Assay	Unknown	0.5845	10.6191
88	By MAR	Laki-laki	10/25/2022	Spontan	3375	49	28	S1	S1	5 JT	3 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	H08	Assay	Unknown	0.7383	13.9966
89	By KJ	Laki-laki	10/25/2022	Spontan	3840	52	32	S1	S1	5 JT	5 JT	2	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	A09	Assay	Unknown	0.5731	10.3725
90	By YU	Laki-laki	11/7/2022	Spontan	2990	48	22	S1	SMA	4 JT	2-3 JT	2	YA	TIDAK	YA (ANMUM)	0	Plate 1	D09	Assay	Unknown	1.2642	26.3612
91	By NI	Perempuan	11/8/2022	Spontan	3665	49	28	S1	S1	5 JT	3 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	E09	Assay	Unknown	0.8778	17.1457
92	By SC	Perempuan	11/8/2022	Spontan	3505	49	28	SMA	S1	3 JT	3 JT	2	YA	YA	TIDAK	2	Plate 1	G09	Assay	Unknown	0.7613	14.5100
93	By IP	Laki-laki	11/8/2022	Spontan	3000	47	26	S1	S1	5 JT	0	2	YA	TIDAK	YA (ANMUM)	1	Plate 1	H09	Assay	Unknown	0.9198	18.1110
94	By LD	Laki-laki	11/30/2022	Spontan	2980	49	29	S1	S1	3 JT	3 JT	2	TIDAK	TIDAK	YA (PRENAGEN)	1	Plate 1	E10	Assay	Unknown	0.6341	11.6980
95	By RAD	Laki-laki	11/14/2023	SC	2795	48	33	S1	S1	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	C11	Assay	Unknown	0.7802	14.9335
96	By RAS	Laki-laki	1/22/2023	Spontan	2875	48	26	S1	SMA	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	F11	Assay	Unknown	0.6763	12.6236
97	By ANG	Perempuan	30/08/23	Spontan	3550	50	29	S1	S1	5 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	A02	Assay	Unknown	1.6397	76.5902
98	By HF	Perempuan	23/6/2023	SC	3045	48	22	SMA	SMA	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	B02	Assay	Unknown	0.6516	24.9189
99	By ERW	Laki-laki	28/06/23	Spontan	2950	45	35	S2	SMA	5-7 JT	0	2	YA	YA	YA (LACTAMIL)	2	Plate 1	D02	Assay	Unknown	0.7288	26.1718
100	By SU	Perempuan	30/06/23	Spontan	3000	47	24	SMA	SMA	4 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	E02	Assay	Unknown	0.6863	26.1889
101	By RA	Perempuan	02/07/23	SC	2815	48	33	S1	SMA	3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	G02	Assay	Unknown	0.7682	30.5271
102	By Di	Perempuan	04/07/23	SC	3000	48	38	S1	D3	3-4 JT	0	1	YA	TIDAK	TIDAK	2	Plate 1	H02	Assay	Unknown	0.5006	16.3683
103	By MW	Perempuan	04/07/23	Spontan	2950	46	34	S1	SMA	5-6 JT	0	2	YA	YA	YA	3	Plate 1	B03	Assay	Unknown	0.9545	40.3954
104	By HDY	Perempuan	08/07/23	SC	2645	48	28	S1	S1	3 JT	2.5 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	E03	Assay	Unknown	0.7877	31.5600
105	By DWA	Laki-laki	13/07/23	Spontan	2670	48	18	SMA	SMP	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	F03	Assay	Unknown	0.8317	33.8907
106	By AA	Perempuan	16/07/23	SC	2535	45	29	S1	SMA	4-5 JT	0	2	YA	TIDAK	YA (LACTAMIL)	0	Plate 1	G03	Assay	Unknown	0.9379	39.5161
107	By YU	Laki-laki	17/07/23	Spontan	3000	47	36	SMA	SMA	3 JT	0	1	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	H03	Assay	Unknown	0.7006	26.9622
108	By ML	Laki-laki	17/07/23	Spontan	3000	46	25	S1	S1	4 JT	3.5 JT	2	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	A04	Assay	Unknown	0.7383	26.9433
109	By NC	Laki-laki	17/07/23	Spontan	2700	46	30	D3	D3	3 JT	3 JT	2	YA	TIDAK	YA (ANMUM)	1	Plate 1	B04	Assay	Unknown	0.6434	23.9165
110	By HH	Laki-laki	19/07/23	Spontan	4000	50	30	SMA	SMA	3.5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	C04	Assay	Unknown	0.4269	13.5579
111	By SAK	Perempuan	20/07/23	Spontan	3800	47	26	S1	SMA	4 JT	0	2	TIDAK	TIDAK	TIDAK	0	Plate 1	D04	Assay	Unknown	0.4792	16.0895
112	By AL	Perempuan	21/07/23	Spontan	3300	49	27	S1	S1	5 JT	4 JT	2	YA	YA	YA (PRENAGEN)	1	Plate 1	A01	Assay	Unknown	0.8702	35.0164
113	By RKS	Perempuan	22/07/23	Spontan	3000	47	29	SMA	SMA	4-5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	B01	Assay	Unknown	0.7593	29.6482
114	By AL	Perempuan	23/07/23	Spontan	2800	46	29	S1	S1	7-10 JT	0	2	YA	YA	YA (PRENAGEN)	1	Plate 1	D01	Assay	Unknown	0.7795	30.6260
115	By AA	Laki-laki	24/07/23	Spontan	3500	50	20	S1	S1	5 JT	5 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	E01	Assay	Unknown	0.7606	29.7111
116	By Sty	Laki-laki	27/07/23	Spontan	3300	47	35	S1	SMA	4 JT	2.5 JT	2	YA	TIDAK	TIDAK	1	Plate 1	F01	Assay	Unknown	0.4889	16.5591
117	By MKS	Perempuan	28/07/23	Spontan	3000	47	34	S1	SMA	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	G01	Assay	Unknown	0.4751	15.8911
118	By HF	Laki-laki	29/07/23	Spontan	3550	49	24	S2	S1	7-10 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	H01	Assay	Unknown	0.9531	40.8509
119	By ASV	Laki-laki	30/07/23	Spontan	3200	49	33	S1	S1	5 JT	3 JT	2	YA	YA	YA (SGM)	1	Plate 1	A02	Assay	Unknown	0.7794	30.6211
120	By NE	Perempuan	30/07/23	Spontan	3900	50	35	D3	D3	4 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	B02	Assay	Unknown	0.6504	24.3767
121	By NH	Perempuan	31/07/23	Spontan	3100	49	36	S1	S1	5 JT	5 JT	2	YA	TIDAK	TIDAK	0	Plate 1	C02	Assay	Unknown	0.4811	16.1815
122	By ES	Laki-laki	03/08/23	Spontan	3000	48	29	SMA	SMA	3 JT	3 JT	2	YA	TIDAK	YA (ANMUM)	0	Plate 1	D02	Assay	Unknown	0.7695	30.1419
123	By LN	Laki-laki	23/08/23	Spontan	2900	48	33	S1	SMA	5-7 JT	0	2	YA	TIDAK	TIDAK	2	Plate 1	F02	Assay	Unknown	0.471	15.9926
124	By SRM	Laki-laki	05/08/23	Spontan	3350	49	23	SMA	S1	7 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	G02	Assay	Unknown	0.6368	33.3997
125	By ANA	Perempuan	07/08/23	Spontan	2700	46	34	SMA	SMP	4-5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	3	Plate 1	H02	Assay	Unknown	0.6756	25.5966
126	By SN	Perempuan	08/08/23	Spontan	3300	47	34	S1	SMA	4 JT	0	2	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	A03	Assay	Unknown	0.4979	16.9947
127	By AG	Laki-laki	09/08/23	Spontan	3135	49	19	S1	S1	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	B03	Assay	Unknown	0.7102	27.2714
128	By HD	Laki-laki	09/08/23	Spontan	3500	50	30	S1	S1	5 JT	3.7 JT	2	YA	YA	YA (PRENAGEN)	2	Plate 1	C03	Assay	Unknown	0.7343	28.4380
129	By SK	Perempuan	11/08/23	Spontan	3400	49	26	S1	IRT	5-6 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	D03	Assay	Unknown	0.8444	33.7676
130	By MR	Laki-laki	13/08/23	Spontan	3100	49	34	SMA	IRT	2.5 JT	0	1	YA	TIDAK	YA (PRENAGEN)	4	Plate 1	E03	Assay	Unknown	0.651	24.4058
131	By K	Laki-laki	13/08/23	Spontan	2850	47	28	SMA	IRT	2 JT	0	1	YA	TIDAK	YA (PRENAGEN)	2	Plate 1	F03	Assay	Unknown	0.5572	19.8652
132	By AYN	Perempuan	14/08/23	Spontan	2750	46	29	S1	SMA	4 JT	4 JT	2	YA	TIDAK	YA (ANMUM)	1	Plate 1	G03	Assay	Unknown	0.6311	23.4425
133	By RSN	Perempuan	15/08/23	Spontan	3100	49	34	SMA	S1	3.5 JT	5 JT	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	H03	Assay	Unknown	0.694	26.4872
134	NL	Laki-laki	21/08/23	Spontan	3300	49	22	S1	S1	5 JT	4 JT	2	YA	TIDAK	YA (PRENAGEN)	0	Plate 1	B04	Assay	Unknown	0.6849	26.0467
135	By RSM	Perempuan	12/07/23	SC	2535	46	31	S2	S1	5 JT	0	2	YA	TIDAK	YA (PRENAGEN)	1	Plate 1	C04	Assay	Unknown	0.8134	32.9213
136	By E	Laki-laki	05/07/2023	Spontan	3450	47	20	S1	S1	7-10 JT	0	2	YA	YA	YA (PRENAGEN)	0	Plate 1	D04	Assay	Unknown	1.0626	46.1214

Lampiran 4. Olah Data Penelitian

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Jenis Kelamin	Laki-laki	Count	41	17	58
		% within Jenis Kelamin	70.7%	29.3%	100.0%
	Perempuan	Count	38	20	58
		% within Jenis Kelamin	65.5%	34.5%	100.0%
Total	Count		79	37	116
	% within Jenis Kelamin		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.357 ^a	1	.550		
Continuity Correction ^b	.159	1	.690		
Likelihood Ratio	.357	1	.550		
Fisher's Exact Test				.691	.345
Linear-by-Linear Association	.354	1	.552		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 18.50.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Cara Persalinan	Pervaginam	Count	46	29	75
		% within Cara Persalinan	61.3%	38.7%	100.0%
	Sectio Caesarea	Count	33	8	41
		% within Cara Persalinan	80.5%	19.5%	100.0%
Total	Count		79	37	116
	% within Cara Persalinan		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	4.477 ^a	1	.034		
Continuity Correction ^b	3.639	1	.056		
Likelihood Ratio	4.695	1	.030		
Fisher's Exact Test				.039	.026
Linear-by-Linear Association	4.439	1	.035		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 13.08.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Kategori Usia Ibu	<20 atau >25 tahun	Count	16	5	21
		% within Kategori Usia Ibu	76.2%	23.8%	100.0%
	20 - 35 tahun	Count	63	32	95
		% within Kategori Usia Ibu	66.3%	33.7%	100.0%
Total	Count		79	37	116
	% within Kategori Usia Ibu		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	.772 ^a	1	.380		
Continuity Correction ^b	.384	1	.535		
Likelihood Ratio	.805	1	.370		
Fisher's Exact Test				.447	.272
Linear-by-Linear Association	.765	1	.382		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.70.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Pendidikan Ibu	≤9 tahun	Count	10	6	16
		% within Pendidikan Ibu	62.5%	37.5%	100.0%
	>9 tahun	Count	69	31	100
		% within Pendidikan Ibu	69.0%	31.0%	100.0%
Total	Count		79	37	116
	% within Pendidikan Ibu		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	.268 ^a	1	.604		
Continuity Correction ^b	.052	1	.819		
Likelihood Ratio	.262	1	.609		
Fisher's Exact Test				.579	.400
Linear-by-Linear Association	.266	1	.606		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.10.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Pendidikan Ayah	≤9 tahun	Count	7	0	7
		% within Pendidikan Ayah	100.0%	0.0%	100.0%
	>9 tahun	Count	72	37	109
		% within Pendidikan Ayah	66.1%	33.9%	100.0%
Total	Count		79	37	116
	% within Pendidikan Ayah		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	3.489 ^a	1	.062		
Continuity Correction ^b	2.101	1	.147		
Likelihood Ratio	5.586	1	.018		
Fisher's Exact Test				.095	.062
Linear-by-Linear Association	3.459	1	.063		
N of Valid Cases	116				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 2.23.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		
			Defisien	Tidak Defisien	Total
Pendapatan Keluarga	<UMR	Count	40	7	47
		% within Pendapatan Keluarga	85.1%	14.9%	100.0%
	≥UMR	Count	39	30	69
		% within Pendapatan Keluarga	56.5%	43.5%	100.0%
Total		Count	79	37	116
		% within Pendapatan Keluarga	68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	10.516 ^a	1	.001		
Continuity Correction ^b	9.241	1	.002		
Likelihood Ratio	11.214	1	<.001		
Fisher's Exact Test				.001	<.001
Linear-by-Linear Association	10.425	1	.001		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 14.99.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Kategori Berat Badan Lahir	2,5 - 4 kg	Count	79	36	115
		% within Kategori Berat Badan Lahir	68.7%	31.3%	100.0%
	>4 kg	Count	0	1	1
		% within Kategori Berat Badan Lahir	0.0%	100.0%	100.0%
Total	Count		79	37	116
	% within Kategori Berat Badan Lahir		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.154 ^a	1	.142		
Continuity Correction ^b	.152	1	.696		
Likelihood Ratio	2.304	1	.129		
Fisher's Exact Test				.319	.319
Linear-by-Linear Association	2.135	1	.144		
N of Valid Cases	116				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .32.

b. Computed only for a 2x2 table

Crosstab

			Status Kadar Vitamin D		Total
			Defisien	Tidak Defisien	
Riwayat Konsumsi Vitamin D	Tidak	Count	68	24	92
		% within Riwayat Konsumsi Vitamin D	73.9%	26.1%	100.0%
	Ya	Count	11	13	24
		% within Riwayat Konsumsi Vitamin D	45.8%	54.2%	100.0%
Total	Count		79	37	116
	% within Riwayat Konsumsi Vitamin D		68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	6.909 ^a	1	.009		
Continuity Correction ^b	5.677	1	.017		
Likelihood Ratio	6.539	1	.011		
Fisher's Exact Test				.013	.010
Linear-by-Linear Association	6.849	1	.009		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 7.66.

b. Computed only for a 2x2 table

			Status Kadar Vitamin D		
			Defisien	Tidak Defisien	Total
Kategori Jumlah Saudara Kandung	0 (tidak ada saudara kandung)	Count	22	17	39
		% within Kategori Jumlah Saudara Kandung	56.4%	43.6%	100.0%
	≥1 (memiliki 1 atau lebih saudara kandung)	Count	57	20	77
		% within Kategori Jumlah Saudara Kandung	74.0%	26.0%	100.0%
Total		Count	79	37	116
		% within Kategori Jumlah Saudara Kandung	68.1%	31.9%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	3.698 ^a	1	.054		
Continuity Correction ^b	2.932	1	.087		
Likelihood Ratio	3.621	1	.057		
Fisher's Exact Test				.061	.044
Linear-by-Linear Association	3.666	1	.056		
N of Valid Cases	116				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 12.44.

b. Computed only for a 2x2 table

Descriptives

Kategori Jumlah Saudara Kandung		Statistic		Std. Error
Kadar Vitamin D	0 (tidak ada saudara kandung)	Mean		22.3279
		95% Confidence Interval for Mean	Lower Bound	18.0424
			Upper Bound	26.6135
		5% Trimmed Mean		20.8726
		Median		18.0918
		Variance		174.777
		Std. Deviation		13.22033
		Minimum		8.53
		Maximum		76.69
		Range		68.16
		Interquartile Range		16.22
		Skewness		2.065
		Kurtosis		.378
	≥1 (memiliki 1 atau lebih saudara kandung)	Mean		17.9492
		95% Confidence Interval for Mean	Lower Bound	.84130
			Upper Bound	19.6248
		5% Trimmed Mean		17.4165
		Median		15.6926
		Variance		54.500
		Std. Deviation		7.38242
		Minimum		9.08
		Maximum		40.40
		Range		31.32
		Interquartile Range		11.29
		Skewness		1.067
		Kurtosis		.274
				.541

Tests of Normality

	Kategori Jumlah Saudara Kandung	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar Vitamin D	0 (tidak ada saudara kandung)	.161	39	.012	.814	39	<.001
	≥1 (memiliki 1 atau lebih saudara kandung)	.176	77	<.001	.871	77	<.001

a. Lilliefors Significance Correction

Ranks

	Kategori Jumlah Saudara Kandung	N	Mean Rank	Sum of Ranks
Kadar Vitamin D	0 (tidak ada saudara kandung)	39	65.01	2535.50
	≥1 (memiliki 1 atau lebih saudara kandung)	77	55.20	4250.50
	Total	116		

Test Statistics^a

Kadar Vitamin D	
Mann-Whitney U	1247.500
Wilcoxon W	4250.500
Z	-1.484
Asymp. Sig. (2-tailed)	.138

a. Grouping Variable: Kategori Jumlah Saudara Kandung