

ANALITO	UNIDAD	LDC 1	LDC 2	LDC 3	LDC 4	LDC 5	REFERENCIAS
Antitrombina III funcional	%	50	75				Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
Antígeno de Von Willebrand	%	50	30				James, P. D., Connell, N. T., Ameer, B., Di Paola, J., Eikenboom, J., Giraud, N., ... & Mustafa, R. A. (2021). ASH ISTH NHF WFH 2021 guidelines on the diagnosis of von Willebrand disease. <i>Blood advances</i> , 5(1), 280-300.
DIMERO D	ng/mL FEU	500					Duboscq, C., Ceresetto, J. M., Martinuzzo, M., Bottaro, F., Ramos, G., Echenagucía, M., ... & Sua, L. F. (2018). Uso y limitaciones del dímero D en la exclusión del tromboembolismo venoso. <i>Revista Hematología</i> , 22(1), 55-65.
FACTOR IX DE LA COAGULACION	%	40	5	1			<a href="https://www.mayocliniclabs.com/test-catalog/overview/65029#Clinical-and-Interpretive">https://www.mayocliniclabs.com/test-catalog/overview/65029#Clinical-and-Interpretive</a> . Consultado el 13 noviembre 2024.
FACTOR V DE LA COAGULACION	%	20	10	1			<a href="https://healthlibrary.brighamandwomens.org/Spanish/Encyclopedia/167_factor_v_ES">https://healthlibrary.brighamandwomens.org/Spanish/Encyclopedia/167_factor_v_ES</a>
FACTOR VII DE LA COAGULACION	%	30					Calleja-Guadix, I., Sierra-Santos, L., Calleja-Delgado, L., & Morillas-Escobar, M. D. C. (2019). Deficiencia de factor VII: problema o banalidad. <i>Revista Clínica de Medicina de Familia</i> , 12(1), 36-37.
FACTOR VIII DE LA COAGULACION	%	40	5	1			<a href="https://www.mayocliniclabs.com/test-catalog/overview/9070#Clinical-and-Interpretive">https://www.mayocliniclabs.com/test-catalog/overview/9070#Clinical-and-Interpretive</a> . Consultado el 13 noviembre 2024.
FACTOR X DE LA COAGULACION	%	40	10				<a href="https://rarediseases.org/es/rare-diseases/factor-x-deficiency/">https://rarediseases.org/es/rare-diseases/factor-x-deficiency/</a>
FACTOR XI DE LA COAGULACION	%	60	20				<a href="https://www.orpha.net/es/disease/detail/329">https://www.orpha.net/es/disease/detail/329</a>
FACTOR XII DE LA COAGULACION	%	50	20				<a href="https://www.mayocliniclabs.com/test-catalog/overview/9069#Clinical-and-Interpretive">https://www.mayocliniclabs.com/test-catalog/overview/9069#Clinical-and-Interpretive</a>
FIBRINOGENO	mg/dL	<40	100	500			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
Proteína C coagulación funcional	%	70	30				<a href="https://www.orpha.net/es/disease/detail/745">https://www.orpha.net/es/disease/detail/745</a>
TIEMPO DE PROTROMBINA	segun dos	14	16	30			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TIEMPO DE SANGRADO	minutos	6	8	15			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TIEMPO DE TROMBOPLASTINA PARCIAL ACTIVADA	segun dos	35	45	90			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CUENTA DE PLAQUETAS (TROMBOCITOS)	/ µL	10,000	50,000	100,000	600,000	1,000,00	Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
HEMOGLOBINA GLUCOSILADA (HB-A1C)	%	6.5					<a href="https://www.cdc.gov/diabetes/es/diabetes-testing/pruebas-de-diabetes-y-prediabetes-a1c.html#:~:text=Normal%3A%20menos%20de%205.7%20%25,Diabetes%3A%206.5%20%25%20o%20mayor">https://www.cdc.gov/diabetes/es/diabetes-testing/pruebas-de-diabetes-y-prediabetes-a1c.html#:~:text=Normal%3A%20menos%20de%205.7%20%25,Diabetes%3A%206.5%20%25%20o%20mayor</a>
ACIDO FOLICO	ng/mL	<2.2	4				Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
ALFAFETOPROTEINA	ng/mL	1,000					Ozarda, Y., Sikaris, K., Streichert, T., Macri, J., & IFCC Committee on Reference intervals and Decision Limits (C-RIDL). (2018). Distinguishing reference intervals and clinical decision limits—A review by the IFCC Committee on Reference Intervals and Decision Limits. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 55(6), 420-431.
ANTIGENO CARCINOEMBRIONARIO (ACE)	ng/mL	2.5	10	20			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.

ANTIGENO PROSTATICO ESPECIFICO LIBRE	%	25	10			<a href="https://www.cancer.org/es/cancer/tipos/cancer-de-prostata/deteccion-diagnostico-clasificacion-por-etapas/pruebas-de-deteccion-para-el-cancer-de-prostata.html">https://www.cancer.org/es/cancer/tipos/cancer-de-prostata/deteccion-diagnostico-clasificacion-por-etapas/pruebas-de-deteccion-para-el-cancer-de-prostata.html</a>
ANTIGENO PROSTATICO ESPECIFICO TOTAL	ng/mL	3				Ozarda, Y., Sikaris, K., Streichert, T., Macri, J., & IFCC Committee on Reference intervals and Decision Limits (C-RIDL). (2018). Distinguishing reference intervals and clinical decision limits-A review by the IFCC Committee on Reference Intervals and Decision Limits. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 55(6), 420-431.
CICLOSPORINA	ng/mL	400	100			<a href="https://www.mayocliniclabs.com/test-catalog/overview/35143">https://www.mayocliniclabs.com/test-catalog/overview/35143</a>
CORTISOL MATUTINO	μg/dL	5	10	18	25	Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CORTISOL VESPERTINO	μg/dL	5	10	18	25	Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
FERRITINA	ng/mL	1000				Naveed, K., Goldberg, N., Shore, E., Dhoot, A., Gabrielson, D., Goodarzi, Z., ... & Sholzman, M. (2023). Defining ferritin clinical decision limits to improve diagnosis and treatment of iron deficiency: A modified Delphi study. <i>International Journal of Laboratory Hematology</i> , 45(3), 377-386. Waalen, J., Felitti, V. J., Gelbart, T., & Beutler, E. (2008). Screening for hemochromatosis by measuring ferritin levels: a more effective approach. <i>Blood</i> , The Journal of the American Society of Hematology, 111(7), 3373-3376.
GONADOTROFINA CORIÓNICA. NO EMBARAZO	mUI/m L	50,000	5,000			Ozarda, Y., Sikaris, K., Streichert, T., Macri, J., & IFCC Committee on Reference intervals and Decision Limits (C-RIDL). (2018). Distinguishing reference intervals and clinical decision limits-A review by the IFCC Committee on Reference Intervals and Decision Limits. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 55(6), 420-431.
HORMONA ESTIMULANTE DE TIROIDES TSH	uUI/mL	20	10	0.4	0.1	Lberman, G. C. (2013). Enfermedad tiroidea subclínica: revisión y enfoque clínico. <i>Revista Médica Clínica Las Condes</i> , 24(5), 748-753.
HORMONA FOLICULO ESTIMULANTE (FSH)	mUI/m L	1	35 en hombres adultos	60 en mujeres adultas		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
HORMONA LUTEINIZANTE (LH)	mUI/m L	1	50 en hombres adultos	100 en mujeres adultas		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
PROCALCITONINA.	ng/ml	0.5				Borre-Naranjo, D., Almanza-Hurtado, A., Ortiz-Ruiz, G., & Dueñas-Castell, C. (2020). Procalcitonina en el paciente crítico: ¿herramienta diagnóstica, guía intervención o marcador pronóstico?. <i>Acta Colombiana de Cuidado Intensivo</i> , 20(4), 253-260.
PROLACTINA	ng/mL	30	100	300		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
SIROLIMUS (RAPAMICIN)	ng/mL	20	4			<a href="https://www.ispch.cl/sites/default/files/Recomendaciones%20para%20la%20quantificaci%C3%B3n%20de%20inmunosupresores.pdf">https://www.ispch.cl/sites/default/files/Recomendaciones%20para%20la%20quantificaci%C3%B3n%20de%20inmunosupresores.pdf</a>
T4 TOTAL (TIROXINA)	μg/dL	5 en no embarazadas	7 en el tercer día de vida	10 en no embarazadas	14 en no embarazadas	Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TACROLIMUS	ng/mL	20	5			<a href="https://www.ispch.cl/sites/default/files/Recomendaciones%20para%20la%20quantificaci%C3%B3n%20de%20inmunosupresores.pdf">https://www.ispch.cl/sites/default/files/Recomendaciones%20para%20la%20quantificaci%C3%B3n%20de%20inmunosupresores.pdf</a>
VITAMINA B12	pg/mL	170	250	1200		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
ACIDO URICO	mg/dL	2	8	10.7		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
ALBUMINA	g/dL	2	3.5	5.2		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
AMILASA	U/L	50	120	200		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
BICARBONATO (CO2) EN SUERO	mEq/L	6	20	33		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.

BILIRRUBINA TOTAL	mg/dL	1.4	2.5	20		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CALCIO	mg/dL	7	11	13.5		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CLORO	mEq/L	90	112			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
COLESTEROL TOTAL	mg/dL	90	250	400		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CREATINFOFOQ UINASA (CPK)	UI/L	100	240	1800		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
CREENITININA	mg/dL	0.6	1.6	6		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
DESHIDROGENASA LACTICA (DHL)	UI/L	150	300	500		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
FOSFATASA ALCALINA (ALP)	UI/L	50	150	400		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
FOSFORO	mg/dL	1.5	2.5	5		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
GAMA GLUTAMIL TRANSPEPTIDASA (GGT)	UI/L	20	50	150		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
GLUCOSA	mg/dL	45	120	180		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
GLUCOSA 1 HORA POSTCARGA 50g	mg/dL	190				<a href="https://www.mayoclinic.org/es/tests-procedures/glucose-tolerance-test/about/pac-20394296">https://www.mayoclinic.org/es/tests-procedures/glucose-tolerance-test/about/pac-20394296</a>
GLUCOSA 120 MINUTOS	mg/dL	200				<a href="https://www.mayoclinic.org/es/tests-procedures/glucose-tolerance-test/about/pac-20394296">https://www.mayoclinic.org/es/tests-procedures/glucose-tolerance-test/about/pac-20394296</a>
HDL COLESTEROL DE ALTA DENSIDAD	mg/dL	59	39			Ozarda, Y., Sikaris, K., Streichert, T., Macri, J., & IFCC Committee on Reference intervals and Decision Limits (C-RIDL). (2018). Distinguishing reference intervals and clinical decision limits—A review by the IFCC Committee on Reference Intervals and Decision Limits. Critical Reviews in Clinical Laboratory Sciences, 55(6), 420-431.
HIERRO	μg/dL	220	400			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
LDL COLESTEROL DE BAJA DENSIDAD	mg/dL	190	160			<a href="https://www.texasheart.org/heart-health/heart-information-center/topics/cholesterol/">https://www.texasheart.org/heart-health/heart-information-center/topics/cholesterol/</a>
LITIO	mmol/L	0.8	1.5			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
MAGNESIO	mg/dL	1.4	2.4	6		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
NITROGENO UREICO (BUN)	mg/dL	6	26	50		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
POTASIO	mEq/L	3	5.8	7.5		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
PROTEINAS TOTALES	g/dL	4.5	6	8		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.

PROTEINAS TOTALES EN ORINA DE 24 HRS.	mg/24 horas	500	3,000	8,000			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
SODIO	mEq/L	115	135	150			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TRANSAMINASA GLUTAMICO OXALACETICO (TGO-AST)	UI/L	20	60	300			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TRANSAMINASA GLUTAMICO PIRUVICA (TGP/ALT)	UI/L	20	60	300			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
TRIGLICERIDOS	mg/dL	40	150	400			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
EXAMEN GENERAL DE ORINA CON MORFOLOGIA ERITROCITARIA	por campo	1	2	Hematuria macroscópica			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
HEMATOCRITO	%	14	33	53 mujeres / 56 hombres	70		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
HEMOGLOBINA	g/dL	4.5	10.5	17 en mujeres, 18 en hombres	23		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
VOLUMEN CORPUSCULAR MEDIO	fL	80	100				Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
LEUCOCITOS	/µL	500	3000	12,000	30,000		Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.
LEUCOCITOS EN SEDIMENTO URINARIO	por campo	1	5	50			Statland, Bernard E. Clinical decision levels for lab tests. Library of Congress Cataloging in Publication Data. 1983. 183 págs.

**Referencias consultadas:**

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2. Rotgers, E., Linko, S., Theodorsson, E., & Kouri, T. T. (2023). Clinical decision limits as criteria for setting analytical performance specifications for laboratory tests. *Clinica Chimica Acta*, 540, 117233.
3. Westgard, 2024 <https://westgard.com/resources/resources/decision.html>, consultado el 30 de noviembre de 2024.
4. Westgard, J. O. (201). Prácticas básicas de control de la calidad. Madison, WI: QC Westgard Inc.

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