

Materials List for:

Reproductive Techniques for Ovarian Monitoring and Control in Amphibians

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URL: <https://www.jove.com/video/58675>

DOI: [doi:10.3791/58675](https://doi.org/10.3791/58675)

Materials

Name	Company	Catalog Number	Comments
GE logiq Book XP and 8C-RS probe 4e10 MHz GE Medical Systems	GE medical systems	GE logiq Book XP	Ultrasound
Aloka 500 7.5MHz linear or IBEX multi-frequency (10-6MHz) micro-convex	GE medical systems	8C-RS (10 MHz)	Ultrasound probe
BD disposable U-100 insulin syringe (28-29 G needle)	Mettler Electronics Corp CA	Sonigel	Ultrasound gel (water soluble, salt-free)
Hormone			
Gonadotropin releasing hormone	BACHEM	4012028	synonym: [Des-Gly10, D-Ala6, Pro-NHEt9]-GnRH acetate abbreviation: GnRH
Lutenizing hormone releasing hormone	BACHEM, Sigma-Aldrich	4033013; L1898	synonym: Pyr-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-Gly-NH ₂ acetate salt; [D-Ala6]-LHRH acetate salt hydrate abbreviation: LHRH
Human chorionic gonadotropin	BACHEM, Sigma-Aldrich	4030270, 4018894; C1063, CG5, CG10	synonym: Chorionic gonadotropin-β (109-145)(109-119); Choriogonin, HCG (2,500IU, 5,000IU, 10,000IU) abbreviation: hCG
Prostaglandin 2α	Sigma-Aldrich	P40424;	synonym: (5Z,9α,11α,13E,15S)-9,11,15-Trihydroxyprosta-5,13-dienoic acid tris salt, PGF2α-Tris; abbreviation: PGF2α
Follicle-stimulating hormone	Sigma-Aldrich	F4021, F8174	synonym: porcine, sheep abbreviation: FSH
Progesterone	Sigma-Aldrich	46665; P7556	synonym: Vetrinal; P4 water soluble abbreviation: P4
Pituitary extract	na		synonym: Check papers for amphibian species derivation abbreviation: PE
Pregnant Mare Serum Gonadotropin	Prospec; Lee Biosolutions; Sigma-Aldrich	HOR-272; 493-10; 9002-70-4	synonym: Pregnant Mare Serum Gonadotropin abbreviation: PMSG
Metaclopramide	Sigma-Aldrich	M0763	synonym: 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide, Methoxychloroprocainamide

			abbreviation: MET
Lucrin	BACHEM; Sigma-Aldrich	4033014; L0399	synonym: Leuprorelin acetate abbreviation: Lucrin
Lutalyse	Pfizer		synonym: PGF2 α - Dinoprost tromethamine abbreviation: Lut
Pimozide	Sigma-Aldrich	P1793	synonym: 1-[1-[4,4-bis(4-Fluorophenyl)butyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one abbreviation: PZ
Amphiplex	see above		synonym: Gonadotropin releasing hormone + metoclopramide abbreviation: GnRH + MET
Ovopel	Ovopel	na	synonym: GnRH α + dopamine receptor antagonist (administered 1 pellet/ kg) abbreviation: Ovo
Ovaprim	Pentair aquatic eco-systems	Ova10	synonym: Salmon gonadotropin + domperidone abbreviation: Ova
Domperidone	Sigma-Aldrich	D122	synonym: 4-(5-Chloro-2-oxo-1-benzimidazoliny)-1-[3-(2-oxobenzimidazoliny)propyl]piperidine abbreviation: DOM