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(21) International Application Number: PCT/US98/08864 (22) International Filing Date: 1 May 1998 (01.05.98) (30) Priority Data: 08/847,007 1 May 1997 (01.05.97) US (71) Applicant: DIATIDE, INC. [US/US]; 9 Delta Drive, Londonderry, NH 03053 (US). (72) Inventors: DEAN, Richard, T.; 43 King Road, Bedford, NH 03110 (US). BUSH, Larry, R.; 64 Columbus Avenue, Exeter, NH 03833 (US). PEARSON, Daniel, A.; 149 Beals Road, Bedford, NH 03110 (US). LISTER-JAMES, John; 25 Old Stone Way, Bedford, NH 03110 (US). (74) Agents: McDANIELS, Patricia, A. et al.; Diatide, Inc., 9 Delta Drive, Londonderry, NH 03053 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: CALCITONIN RECEPTOR-BINDING PEPTIDES (57) Abstract This invention relates to calcitonin receptor binding reagents comprising compounds which are covalently linked to a radiometal chelator. The invention is embodied as calcitonin receptor binding peptide derivatives and analogues of calcitonin which may be radiolabeled with a suitable isotope and used as radiodiagnostic or radiotherapeutic agents. Methods and kits for making, radiolabeling and using such reagents diagnostically and therapeutically in a mammalian body are also provided.  *162162*  *G00001*		

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