

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
09 February 2023 (09.02.2023)



(10) International Publication Number
WO 2023/014304 A2

- (51) **International Patent Classification:**
Not classified
- (21) **International Application Number:**
PCT/SG2022/050562
- (22) **International Filing Date:**
05 August 2022 (05.08.2022)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
10202108592Y 05 August 2021 (05.08.2021) SG
10202108593R 05 August 2021 (05.08.2021) SG
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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,

(54) **Title:** A METHOD OF DETECTING A THYROID BIOMARKER

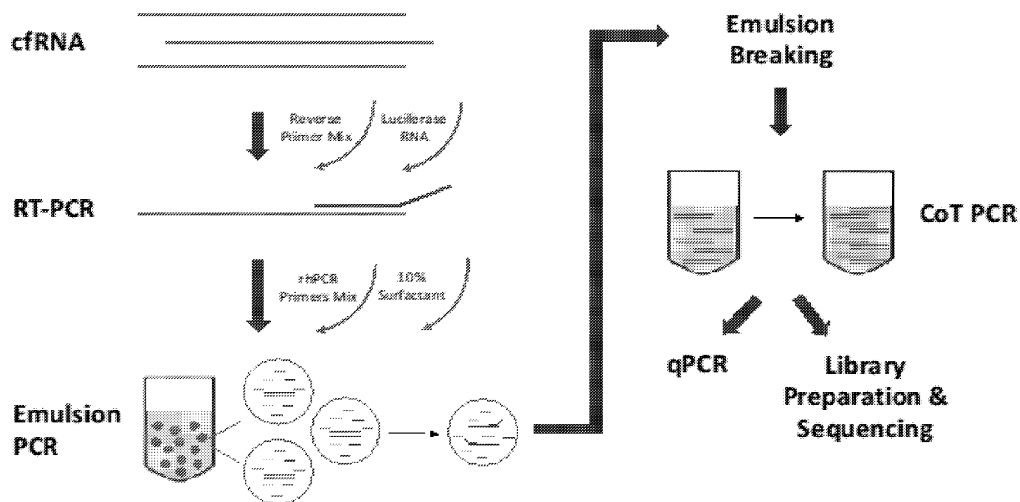


FIG. 1

(57) **Abstract:** There is provided a method of detecting and/or determining the presence of one or more thyroid-specific nucleic acid, the method comprising annealing the one or more thyroid-specific nucleic acid in the presence of a control nucleic acid, and subjecting each of the one or more thyroid-specific nucleic acid to one or more amplification step in the presence of a mixture comprising a surfactant and an oligonucleotide primer and/or probe capable of hybridizing with the one or more thyroid-specific nucleic acid, wherein the oligonucleotide primer and/or probe comprises a cleavage site and a cleavable 3' end. Also disclosed are methods of detecting and/or determining thyroid cancer recurrence and/or metastasis and thyroid-specific nucleic acid detection mixtures, and kits thereof.

[Continued on next page]

RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*
— *with sequence listing part of description (Rule 5.2(a))*