

TABLE 3.—EFFECT OF ORAL CONTRACEPTIVES, PREGNANCY, ESTROGEN AND PROGESTERONE ON COAGULATION FACTOR ASSAYS

	O.C.—short term	O.C.—long term	Pregnancy	Estrogens 17 days natural or synthetic	Estrogens 1 month	Progestogens
I. Fibrinogen.....	No change 27 (2, 6, 23, 64), increased 71 (22, 36, 38).	No change 120 (2, 35, 49, 64), increased 61 (3, 12, 22, 28, 38).	Increased 276 (10, 21, 22, 26, 29, 31, 33, 37, 41, 51, 65, 67) (rise starts in 1st trimester).	Increased 8+? (14, 58), variable 8+? (33, 42), decreased 25 (7).	-----	No change 8+? (33, 42).
II. Prothrombin.....	No change 34 (6, 23, 36), increased 103 (13, 22, 28, 38, 42, 56).	No change 82 (35, 49, 69), increased 166 (3, 13, 22, 28, 29, 38, 56).	No change 94 (22, 39, 65, 67), slight increase 42, (2, 29, 31, 51, 56).	No change 8 ² (9).	-----	-----
V.....	No change 154 (2, 6, 11, 13, 22, 23, 24, 36, 53), questionable increase 49 (38, 56).	No change 93 (2, 13, 22, 29, 49, 58, 69), questionable increase 152 (35, 38, 56, 69), decreased 10 (28).	No change 150 (28, 29, 31, 37, 39, 51, 56, 65, 67), slight increase 11 (2).	No change 8 ² (9).	-----	-----
VII.....	No change 123 (6, 34, 46, 47, 53), increased 140 (11, 13, 22, 23, 38, 56).	Increased 433 (13, 22, 28, 29, 35, 38, 46, 47, 56, 58, 66).	Increased 240 (2, 22, 29, 31, 39, 47, 51, 56, 65, 67) (rise starts in 1st trimester).	-----	-----	No change 76 (48).
VIII.....	No change 170 (1, 6, 22, 34, 47, 53), increased 65 (23, 36, 38, 56), variable 4 (2).	No change 255 (1, 22, 28, 29, 47, 66, 69, 4), increased 81 (56, 69), variable 4 (2).	No change 18 (28, 51), increased 157 (2, 7, 22, 29, 31, 39, 47, 65, 67) (rise occurs in the 2nd and 3rd trimesters).	-----	-----	-----
IX.....	No change 24 (14, 34, 36), increased 42 (23, 56).	No change 30 (28, 38, 69), increased 89 (56, 58).	No change 24 (14, 34, 36), increased 36 (28, 50, 67), rise starts in the 1st trimester).	-----	-----	-----
X.....	No change 123 (6, 34, 46, 47), increased 118 (11, 22, 38, 56).	No change 11 (58), increased 311 (22, 29, 38, 46, 47, 56).	No change 16 (14), increased 221 (22, 29, 31, 39, 46, 47, 56, 67) (rise occurs in the 2d and 3rd trimesters).	-----	-----	No change 76 (48).
XI.....	No change 42 (23, 56).	No change 78 (56).	No change 8 (9).	-----	-----	-----
XII.....	Increased 37 (56).	Increased 78 (56).	No change 8 (9).	-----	-----	-----
XIII.....	-----	No change ? (19).	Decrease 39 (68) (fall starts in the 2d trimester).	-----	-----	-----
P & P (II+VII+X).....	No change 25 (4), increased 126 (2, 11, 14, 36, 38, 56).	No change 25 (4), increased 132 (29, 38, 56).	Increased 99 (14, 28, 37, 39, 56) (rise starts in 1st trimester).	-----	-----	-----

¹ Increases if a large dose is used (6).² In dogs a single dose of premarin IV produces an immediate rise in II and V which persists for 4 hours.