

California Syphilis Reactor Alert System – FEMALES

FEMALES									
Age	Biological False Positive	Qual. or + Conf. only	Titer 1:1	Titer 1:2	Titer 1:4	Titer 1:8	Titer 1:16	Titer ≥ 1:32	+ Darkfield
Prenatal (any age)	BLUE	RED	RED	RED	RED	RED	RED	RED	RED
0-44	BLUE	RED	RED	RED	RED	RED	RED	RED	RED
45-49	BLUE	GREEN	GREEN	GREEN	YELLOW	YELLOW	ORANGE	ORANGE	RED
50-59	BLUE	GREEN	GREEN	GREEN	GREEN	YELLOW	ORANGE	ORANGE	RED
60+	BLUE	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	YELLOW	RED
Unknown	BLUE	RED	RED	RED	RED	RED	RED	RED	RED

Alert Code	Is Syphilis History Report necessary?	Action
RED	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 1 working day.
ORANGE	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 2 working days.
YELLOW	YES	If reactor meets Criteria for Assignment*, more info required to rule out early syphilis infection. Initiate follow-up with provider. Phone call/query letter within 3 working days.
GREEN	NO	Administrative closure, based on age and titer.
BLUE	NO	Administrative closure, based on a negative treponemal test.

*Criteria for Assignment: 1) No records of previous serology, **OR** 2) ≥ 4-fold titer increase (e.g. RPR 1:4 to 1:16), **OR** 3) history of negative serologic test for syphilis within past 12 months. See Step #3 of the California Syphilis Reactor Processing Algorithm.

California Syphilis Reactor Alert System – MALES

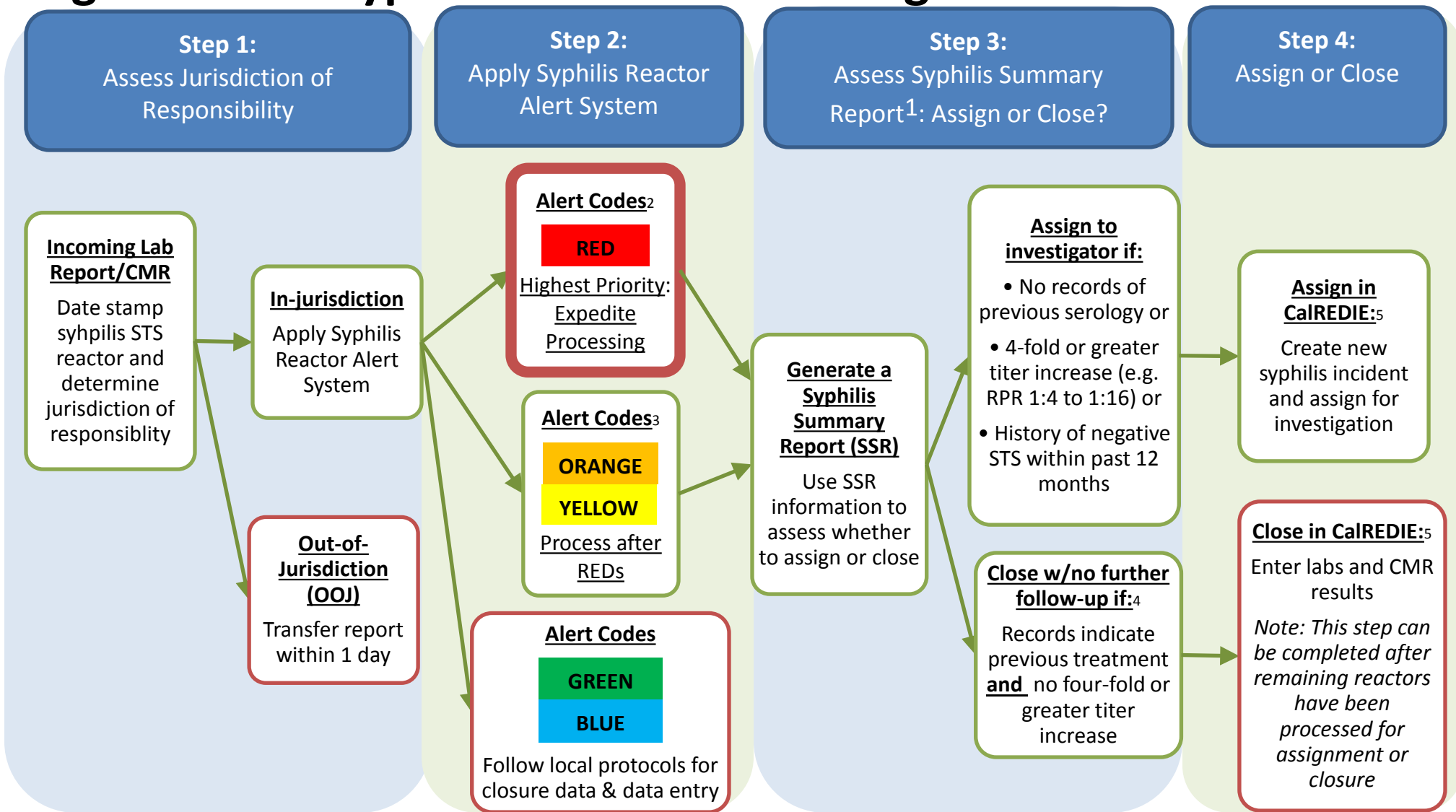
MALES									
Age	Biological False Positive	Qual. or + Conf. only	Titer 1:1	Titer 1:2	Titer 1:4	Titer 1:8	Titer 1:16	Titer ≥ 1:32	+ Darkfield
0-19	BLUE	RED	RED	RED	RED	RED	RED	RED	RED
20-29	BLUE	YELLOW	YELLOW	YELLOW	ORANGE	ORANGE	ORANGE	ORANGE	RED
30-39	BLUE	GREEN	GREEN	YELLOW	YELLOW	ORANGE	ORANGE	ORANGE	RED
40-49	BLUE	GREEN	GREEN	GREEN	YELLOW	YELLOW	ORANGE	ORANGE	RED
50-59	BLUE	GREEN	GREEN	GREEN	GREEN	YELLOW	ORANGE	ORANGE	RED
60+	BLUE	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	YELLOW	RED
Unknown	BLUE	YELLOW	YELLOW	YELLOW	YELLOW	ORANGE	ORANGE	ORANGE	RED

Alert Code	Is Syphilis History Report necessary?	Action
RED	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 1 working day.
ORANGE	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 2 working days.
YELLOW	YES	If reactor meets Criteria for Assignment*, more info required to rule out early syphilis infection. Initiate follow-up with provider. Phone call/query letter within 3 working days.
GREEN	NO	Administrative closure, based on age and titer.
BLUE	NO	Administrative closure, based on a negative treponemal test.

*Criteria for Assignment: 1) No records of previous serology, **OR** 2) ≥ 4-fold titer increase (e.g. RPR 1:4 to 1:16), **OR** 3) history of negative serologic test for syphilis within past 12 months. See Step #3 of the California Syphilis Reactor Processing Algorithm.

ALERT CODE	Former classification	Sex	Age	Titer	Reactor assignment	Time Factor	Disease Investigation
RED (includes all dark field positive reports)	Priority 1	Female	Pregnant; 0-44; Unk	Any	Syphilis summary search; if none, assign., f/u with provider, and assess pregnancy status.	Within 1 working day	Collect clinical/lab data, verify treatment, interview case, conduct contact tracing/partner notification
		Male	0-19	Any	Syphilis summary search, if no history, assign and f/u with provider for CMR.	Within 1 working day	Collect clinical/lab data, manage as appropriate
ORANGE	Priority 1	Female	45-59	$\geq 1:16$	If no history, assign and f/u w provider for CMR.	Within 2 working days	Determine staging; If early, collect clinical/lab data, verify treatment, interview case, conduct contact tracing/partner notification
		Male	20-29 30-39 40-59 Unk	$\geq 1:4$ $\geq 1:8$ $\geq 1:16$ $\geq 1:8$			
YELLOW	Priority 2	Female	45-49 50-59 60 +	1:4, 1:8 1:8 $\geq 1:32$	If no history, assign and f/u w provider for CMR.	Within 3 working days	Determine staging; If early, collect clinical/lab data, verify treatment, interview case, conduct contact tracing and partner notification
		Male	20-29 30-39 40-49 50-59 60 + Unk	$\leq 1:2$ 1:2, 1:4 1:4, 1:8 1:8 $\geq 1:32$ $\leq 1:4$			
GREEN	Priority 3	Female	45-49 50-59 60 +	$\leq 1:2$ $\leq 1:4$ $\leq 1:16$	Follow local protocols for closure and data entry.	Do not assign	No
		Male	30-39 40-49 50-59 60 +	1:1 $\leq 1:2$ $\leq 1:4$ $\leq 1:16$			
BLUE	Priority 3	Any	Any	BFP	Follow local protocols for closure and data entry.	Do not assign	No

Algorithm for Syphilis Reactor Processing



¹Syphilis Summary Reports can be generated in the CalREDIE Data Distribution Portal link: https://CalREDIE.cdph.ca.gov/CalREDIE_Export//login.aspx

Contact CalREDIE Help Desk at address: calrediehelp@cdph.ca.gov to request set-up of log-in account.

²**RED** alerts should be considered highest priority and expedited for syphilis summary searches and assignment.

³**ORANGE** and **YELLOW** alerts should be processed *AFTER* all **RED** alerts have been processed for assignment or closure.

⁴Additional criteria may be used for assignment, if local resources permit: History of syphilis infection, but no treatment recorded; High serofast;

YELLOW alerts from HIV providers

⁵*STD CalREDIE Entry guidance available at link: <http://www.cdph.ca.gov/programs/std/Documents/STD-CalREDIE-GUIDANCE-03-Entering-Newly-Reported-Reactors.pdf>*